ID #...... VERSION: 5.1

FORM APPROVED: OMB # 0920-0010

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National Birth Defects Prevention Study

Mother Questionnaire CATI Version 5.1

Centers for Disease Control and Prevention
U.S. Department of Health and Human Services
Public Health Service

April 29, 2010

Information contained on this form which could permit identification of any individual or establishment has been collected with an assurance that it will be held in strict confidence by the contractor and CDC, will be used only for purposes stated in this study, and will not be disclosed or released to anyone other than authorized staff of CDC without the consent of the participant in accordance with Section 301(d) of the Public Health Service Act (42 U.S.C. 241d).

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NOIB STATUS: Live Birth Stillbirth Deceased			ID# LILILIAN TATHER UNKNOWN					
Therapeut	ic Abortion							
NOIB'S FIRST NAME:			EDD: MM DD YYYY					
	PREGNA	NCY C	ALEN	IDAR	DOIB/D	OPT:	∐∐ ∐ MM [
	MONTH	MONTH BEGIN			M	НТИС	END	CHECK DOIB OR DOPT
		MM	DD	YYYY	ММ	DD	YYYY	MONTH
	В3							
	B2							
	B1							
T1	P1	DATE O	DF CO					
l ''	P2	, , , ,	1 11		, , , ,			

	P2		
	P3		
	P4		
T2	P5		
	P6		
	P7		
T3	P8		
	P9		
	P10		

CALENDAR GENERATED BY PROGRAM. REFER TO THESE TIME PERIODS DURING INTERVIEW.

HARDCOPY INSTRUCTIONS:

On hardcopy, "don't know" (DK) options or check boxes show at most fields but "refused" (RF) options are not always shown. When subjects refuse, interviewers should write "RF" near response fields on the hardcopy. Instructions for refusals should follow same instructions as for don't know.

INVESTIGATORS and ANALYSTS:

PLEASE NOTE: We have tried to make the codes in this document match the codes used in the CATI and in the analytic database. Some codes are not included here, such as the 6-digit Slone drug dictionary codes, and other open-ended text coding lists, as those coding lists are always growing as new codes are needed. For the definite listing of all codes, investigators should refer to NBDPS documentation and all coding lists on the study website. Please also read the Appendix at the back of this document for details about response codes and conventions used in CATI versus the hardcopy questionnaire.

THERAPEUTIC ABORTIONS:

To be sensitive to mothers who have had a therapeutic abortion (TAB), we are using alternate wording in scripts that refer to the baby's name or the baby's father, or the baby's date of birth. The convention in the hard copy will be to have the different phrases in parentheses, separated by a slash, such as (DOIB/DOPT) to signify date of infant's birth versus date of pregnancy termination, or (your pregnancy with [NOIB]/your pregnancy).

The first phrase in the parentheses will be the wording for live births and stillbirths, while the second phrase will be the wording for TABs.

The CATI will be programmed to insert the correct phrase automatically based on information obtained at each Center and linked to the CATI.

BABY'S NAME:

If the participant gives the interviewer her baby's name, that name will be inserted in the CATI every time NOIB shows in the hard copy. If she chooses not to give her baby's name, the interviewer types in "the baby" and that phrase is inserted wherever NOIB appears in the CATI.

OTHER CONVENTIONS USED:

Text in lower case is meant to be read aloud by the interviewer. Text in upper case is only meant for interviewer instructions, or sometimes for programmer instruction. This is also true of response options. Response options in lower case are the ones to be read to the participant. Upper case responses are not read. Prompts and probes should be in lower case as they may need to be read aloud, as needed.

SECTION P: In 2010 Section P was added to accommodate new questions about physical activity. This new section was inserted between Section I and Section J, so it is not in alphabetical order.

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OPENING STATEMENT

In this interview we will be asking you questions about your family, health, lifestyle habits, and work history. The questions cover many topics because we don't know what causes most birth defects. We will study the answers from thousands of mothers hoping to learn something new about the causes of birth defects. Your individual responses are being collected with an assurance of confidentiality.

SECTION A: ESTABLISHING DATES

I'm going to ask many questions about the year before ([NOIB]'s birth/you had a pregnancy affected by a birth defect). In order to do this, I need to start by asking you some dates.

WORDING FOR LIVE BIRTHS AND TABS: DIFFERENT SCRIPTS FOR LIVE BIRTHS AND TABS WILL BE SEPARATED BY A SLASH WITHIN PARENTHESES IN THE HARD COPY AND PROGRAMMED ACCORDINGLY IN CATI. WORDING FOR LIVE BIRTHS WILL BE FIRST.

A1.	(What was [NOIB]'s date of birth/On what date did the affected pregnancy end?)	DOIB/DOPT	MM DD YYYY
A2.	What date did the doctor give you as a due date for ([NOIB]'s birth/the affected pregnancy)? That is, when was ([NOIB]/the baby) expected to be born?	DUE DATE	MM DD YYYY
	NOTE: IF MOM KNOWS DUE DATE, CATI WILL CALCULAT CALENDAR DATES. IF MOM DOES NOT KNOW DUE DATE DATABASE TO CALCULATE DATES.		
A3.	In this pregnancy, how many babies were you carrying? PROBE: Did you have a single baby, twins, or more babies?	# BABIES	CHECK IF DK
	IF NOIB IS "TAB" OR "STILLBIRTH,"THEN SKIP TO	A7.	
A4.	Is (NOIB) still living?	NO DK	. (SKIP TO A7)
A5.	What did s/he die of?		
	SPECIFY:		
			CHECK IF DK
			CHECK IF RF

A6.	How old was s/he when s/he died?	AGE
	IF THE BABY LIVED LESS THAN 24 HOURS, THE RESPONSE LESS THAN 1 DAY CAN BE RECORDED AS 1 DAY.	DAY(S) 1 WEEK(S) 2 MONTH(S) 3 YEAR(S) 4 DK -1
A7.	What was your date of birth?	DOB
A8.	I would like to ask about ([NOIB]'s/the baby's) biologic or natural father. What was his date of birth? IF DK, PROBE: You don't know the date of birth or you don't know the biologic father?	DOB
PREG	NANCY HISTORY	
Now I'	m going to ask about your pregnancy experiences.	
A9.	How many times have you been pregnant before ([NOIB]/the pregnancy that ended on [DOPT]), including pregnancies that may have ended in miscarriages, stillbirths, abortion, or a tubal or molar pregnancy?	# TIMES PREGNANT

IF A9 = 0, SKIP TO INTRO SCRIPT

PREGNANCY OUTCOMES

	A10.	A11.	A12.	A13.
	In your (1st/2nd/3rd, etc.) pregnancy, how many babies were you carrying?	For the next question I need to read the list of possible answers. Please answer the question after I read the list of responses. IF A10 = 1: Did your (1 st /2 nd /3 rd , etc.) pregnancy end with (a/an) (READ CATEGORIES)? IF A10 >1: For your (1 st /2 nd /3 rd , etc.) pregnancy, what was the outcome for the	In your (1st/2nd/3rd, etc.) pregnancy, was there a health problem with the pregnancy or was a birth defect diagnosed at any time?	IF YES: What was it?
		(1 st / 2 nd /3 rd , etc.) baby? READ CATEGORIES AND RECORD OUTCOME FOR EACH BABY.		
	IF A10 = DK OR RF, TREAT AS 1 BABY	01 = Live birth 02 = Stillbirth 03 = Induced abortion 04 = Miscarriage 05 = Tubal pregnancy (SKIP TO NEXT PREG) 06 = Molar pregnancy (SKIP TO NEXT PREG)	THIS APPLIES TO ANY AND ALL FETUSES.	BIRTH DEFECTS DO NOT GET LINKED TO SPECIFIC FETUS IF MULTIPLE FETUSES IN PREGNANCY.
PREG 1.	# U DK Q RF Q	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT
PREG 2.	# L DK RF	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT DK
PREG 3.	# LIDK RF	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES1 NO (SKIP TO A14) 2 DK (SKIP TO A14)1 RF (SKIP TO A14)2	BIRTH DEFECT DK
PREG 4.	# LIDK RF I	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT
PREG 5.	# L DK RF	BABY1 BABY2 BABY3 BABY4 BABY5 DK	YES	BIRTH DEFECT DK

FOR THE LAST PREGNANCY BEFORE NOIB, ASK:

A14.	When did the last pregnancy before (NOIB/the
	affected pregnancy) end?

DATE		الليال	
	MM	DD	YYYY
	DK		
	$_{RF}\square$		

INTRO SCRIPT:

During this interview we will be asking many questions about different aspects of your life from (BEGINNING OF B3) to (DATE OF BIRTH OR PREGNANCY TERMINATION). This time period includes your pregnancy and the 3 months before you became pregnant. Depending on the question we may refer to different time periods.

RESIDENCE DURING PREGNANCY

We would like to know the addresses at which you lived from (B3) to ([DOIB][/DOPT]) to be able to study possible environmental exposures.

A15. From 3 months before you became pregnant to the end of your pregnancy in how many places did you live for more than one month?

# HOMES		
DK - SKIPS TO A19	RF - SKIPS TO A19	

RESIDENCE HISTORY

		A16.		A17.	A18.
	What was t (1 st /2 nd /3 rd) CHART.	he street ac residence?	ddress of your LIST ALL IN	What month and year did you start living there?	What month and year did you stop living there?
A.	STREET: CITY: STATE: ZIP: COUNTRY:			MM YYYY DK	MM YYYY DK
	COUNTRY:	DK	RF		IF CURRENTLY LIVING THERE, THEN USE TODAY'S DATE.
B.	STREET: CITY: STATE: ZIP: COUNTRY:			MM YYYY DK	MM YYYY DK
		DK	RF		THEN USE TODAY'S DATE.
C.	STREET: CITY: STATE: ZIP:			MM YYYY DK	MM YYYYY DK
	COUNTRY:	DK	RF		IF CURRENTLY LIVING THERE, THEN USE TODAY'S DATE.

PREGNANCY HISTORY FOR INDEX BABY

Now I h	have some of	auestions s	pecific to v	your pregnancy	(with	[NOIB]	/affected by	v a birth	defect).
---------	--------------	-------------	--------------	----------------	-------	--------	--------------	-----------	----------

A19.	From 3 months before you became pregnant to the end of your pregnancy, did you use any method of contraception or birth control?	YES
A20.	For the same time period, did you use any birth control pills or morning after pills?	YES

A21.			A22.			
What was the name of your pills?/Any others? IF MOM DOES NOT KNOW, READ ENTIRE LIST. Was it (READ LIST)? LIST ALL BELOW.				nonths we ACEPTIVE	ere you us E)?	ing
Alesse Demulen Depo-provera Desogen Estrogen/Progesterone	Minipill Mircette Morning after pill Necon Nordette	Ortho-Novum 777 OrthoTri-Cyclen Ovcon Tri-Levlen Tri-Norinyl				
Levlen	Norethin	Triphasil				
Lo/Ovral Loestrin	Ortho-Cept Ortho-Cyclen	Birth Control Pill (NOS) Other -	МО	YES	NO	DK
Micronor	Ortho-Novum	(Specify Below)	В3	1	2	-1
			B2	1	2	-1
			B1	1	2	-1
FIRST BIR	TH CONTROL OR MORNII	NG AFTER PILL	P1	1	2	-1
T II C T DII C	THE CONTINUE ON MONTH	10/11/12/1	P2	1	2	-1
	DK RF		P3	1	2	-1
	ASK A22 SKIP	7 TO A23	T2	1	2	-1
			Т3	1	2	-1
			В3	1	2	-1
			B2	1	2	-1
SECOND DI	RTH CONTROL OR MORN	IINC AETED DILI	B1	1	2	-1
SECOND BI	KTIT CONTROL OK WORN	IING AFTER FILL	P1	1	2	-1
	DK RF		P2	1	2	-1
	ASK A22 SKIP	P TO A23	P3	1	2	-1
			T2	1	2	-1
			Т3	1	2	-1
			B3	1	2	-1
			B2	1	2	-1
THIRD BIR	TH CONTROL OR MORNII	NG AFTER PILL	B1	1	2	-1
		П	P1	1	2	-1
	DK RF ASK A22 SKIP	TO A23	P2	1	2	-1
	OKI		P3	1	2	-1
			T2	1	2	-1
			Т3	1	2	-1

A23.	Did you use any other method of contraception
	during this same time period?

YES	
NO	(SKIP TO A26) 2
	(SKIP TO A26)

A24. A25

A24.		A25.				
Which metho	ds of contraception did you use?/Any others?	Which mor	nths were you	using (MET	THOD)?	
LIOT ALL.		MO	YES	NO	DK	
A.	BIRTH CONTROL PATCH (ORTHO EVRA) = 23	В3	1	2	-1	
	CERVICAL CAP = 01 CONDOMS (FEMALE) = 02 CONDOMS (MALE) = 20	B2	1	2	-1	
DK	CONTRACEPTIVE FILM/VCF = 24 DEPO PROVERA INJECTIONS = 03	B1	1	2	-1	
ASK A25	DIAPHRAGM = 04 FOAM = 05 GEL = 06	P1	1	2	-1	
SKIP TO A26	INJECTIONS, NOS = 08 INJECTIONS FROM MEXICO = 09	P2	1	2	-1	
	IUD = 10 NATURAL FAMILY PLANNING/	P3	1	2	-1	
	BASAL TEMPERATURE/MUCUS METHOD = 11 NORPLANT = 12 NUVARING = 31	T2	1	2	-1	
	RHYTHM METHOD = 13 SPERMICIDE, NOS = 14	Т3	1	2	-1	
	SPONGE/ VAGINAL SPONGE = 15 SUPPOSITORY OR INSERT = 16					
В.	TUBAL LIGATION = 17 VASECTOMY = 18 WITHDRAWAL = 19	В3	1	2	-1	
	OTHER, = -5 SPECIFY:	B2	1	2	-1	
DK ASK A25		B1	1	2	-1	
RF□		P1	1	2	-1	
SKIP TO A26		P2	1	2	-1	
		Р3	1	2	-1	
		T2	1	2	-1	
		Т3	1	2	-1	

A26.	Did you	(READ	CHOICES)?
	,	(: :=: :=	0

A27. At the time that you became pregnant (with [NOIB]/with this pregnancy), did you want to become pregnant then, did you want to wait until later, or did you not want to become pregnant at all?

 WANT TO BE PREGNANT THEN
 1

 WANT TO WAIT TILL LATER
 2

 DIDN'T WANT TO BECOME PREGNANT

 AT ALL
 3

 DIDN'T CARE
 4

 DK
 -1

PRENATAL CARE

A28.	How far along were you when you found out you were pregnant?	WEEKS OR MONTHS		RF C
A29.	Did you have prenatal care with ([NOIB]'s/this) pregnancy?	YES(§ NO(§ DK(§	SKIP TO A31)	2
A30.	When was your first prenatal visit? Do not include the visit in which your pregnancy was first confirmed. IF SHE ONLY USED A HOME PREGNANCY TEST, THEN WE'RE REFERRING TO THE FIRST VISIT	OR WEEKS PREGNANT	_	_
Now I'	AFTER THE POSITIVE HOME TEST. m going to ask about tests you may have had during (yo	our pregnancy with	DK	RF U egnancy).
AMNI	DCENTESIS			
A31.	Did you have an Amniocentesis or amnio?	YES(§ NO(§ DK(§	SKIP TO A33)	2
	DEFINITION IF NEEDED: Amniocentesis is a procedure don A thin needle is inserted through the abdomen and into the u withdrawn. The fetal cells that float in the amniotic fluid are the	terus and a few teasp		
A32.	What was the date or week of pregnancy when the amniocentesis was done?	DATE: OR WEEKS PREGNANT:	_	
cvs	Did you have Obariania Vill a Casaella and	VES	DK 🔲	RF □
A33.	Did you have Chorionic Villus Sampling or CVS?	YES NO DK	(SKIP TO A	35)2

IF NEEDED: Chorionic villus sampling or CVS:

A34. What was the date or week of pregnancy when

This is a genetic test performed by a physician specialist to determine if a baby has a chromosome problem such as Down syndrome. It is usually performed between 10 and 13 weeks of pregnancy. To perform the test, a tiny piece of the placenta is removed from the womb using either a needle through the mother's abdomen or a thin catheter (plastic flexible tube) through the mother's vagina. The test is <u>alway</u>s performed using ultrasound to help guide the placement of the abdominal needle or vaginal catheter.

Transvaginal ultrasound: This is a procedure in which an ultrasound transducer shaped like a wand is placed into the mother's vagina in order to examine closely either the baby or the mother's cervix. This is used most often in the first half of the pregnancy and is very good at determining whether the due date should be changed.

(NOTE: THIS TEST ALONG WITH AN ABDOMINAL ULTRASOUND MAY GIVE SOME INFORMATION ABOUT WHETHER THE FETUS IS AT INCREASED RISK FOR DOWN SYNDROME WHEN BACK OF THE BABY'S NECK IS MEASURED BETWEEN 11 AND 13 WEEKS. HOWEVER, THIS TYPE OF ULTRASOUND EXAMINATION IS USED ONLY TO ADJUST RISK, NOT TO MAKE A DIAGNOSIS. A MOTHER WOULD HAVE TO UNDERGO EITHER A CVS OR AMNIOCENTESIS TO BE CERTAIN ABOUT THE BABY'S CHROMOSOMES.)

DATE:

	the CVS was done?		271121		MM	DD	YYYY
			OR				
			WEEKS PREGNA	ANT	•••••		DK D
PREN	IATAL SURGERY IF TAB, SKIP A35 THROUGH A	438 .					
A35.	Were any surgical procedures proc	performed on	YES NO DK	(SKIP T	O A39)		2
	A36. What was the name of the prenatal medical procedure?/Any others? LIST ALL.	A37. What was the date or pregnancy it was done		Why was the performed?	e medi REFERI		edure
	A ASK A37 & A38 RF SKIP TO A39	MM DD Y OR WKS PREC				ASON	
	B ASK A37 & A38 RF SKIP TO A39	MM DD Y OR WKS PREC	_			ASON	

CED	TII	ITV	DET	T A II	C
FER			UEI	AII	

A39.	Did you or ([NOIB]'s/the) father take any medications or have any procedures to help you become pregnant for this pregnancy?	YES
	OR IF FATHER UNKNOWN: Did you take any medications or have any procedures to help you become pregnant for this pregnancy?	

FERTILITY DETAILS-MOTHER

A40.	Did you have any surgical procedures for this	
	pregnancy such as: to open or rejoin your fallopian	
	tubes, to treat uterine fibroids, or to remove	
	endometriosis? I will ask about IVF later.	

YES		1
NO	(SKIP TO A43)	2
	(SKIP TO A43)	

IF NEEDED: **IVF (in vitro fertilization)** involves extracting a woman's eggs, fertilizing the eggs in the laboratory, and then transferring the resulting embryos into the woman's uterus through the cervix.

A42. A41. What was the procedure?/Are there any more FOR EACH PROCEDURE, ASK: What was the procedures? LIST ALL. date? Open fallopian tubes1 Α. Rejoin fallopian tubes2 Removal of endometriosis......4 Other (SPECIFY):-5 DK 🗖 DK......-1 RF......(SKIP TO Á43).....-2 Open fallopian tubes1 В. Rejoin fallopian tubes2 Removal of endometriosis......4 Other (SPECIFY):-5 DK.....(ASK A42).....-1 RF.....(SKIP TO A43).....--2

A43.	In the two months before you became pregnant with
	([NOIB]/this pregnancy), did you take any
	medications to help you become pregnant?

YES				 	1
NO	(SKIP	TO A	16)	 	2
DK	(SKIP	TO A	16)	 	1

What medications or injections did you take? / Anything else? IF MOM DOES NOT KNOW, READ LIST. Was it (READ LIST)? RECORD ALL BELOW. IF NO OR DK TO ALL, SKIP TO A46. Bromocriptine Lupron Provera Clomid Lutrepulse Serophene Clomid Horizolia Synarel Clomid Prodei Unknown fertility medication Danazol Parlodel Unknown injection Danazol Pergonal Unknown injection Depo-Provera Pregnyl Unknown reginal medication Depo-Provera Pregnyl Other medication (SPECIFY) FROM:	A44.	A45.
Bromocriptine Clomid Currepulse Serophene Clomid Lutrepulse Serophene Synarel Danazol Parlodel Unknown fertility medication Danocrine Pergonal Unknown vaginal medication Depo-Provera Pregnyl Unknown vaginal medication (SPECIFY) FIRST MEDICATION / INJECTION DK ASK A45 RF SKIP TO A46 SECOND MEDICATION / INJECTION TO:		
FROM:	Bromocriptine Lupron Provera Clomid Lutrepulse Serophene Clomiphene citrate Metrodin Synarel Danazol Parlodel Unknown fertility medication Danocrine Pergonal Unknown injection Depo-Provera Pregnyl Unknown vaginal medication Factrel Profasi HP Other medication	
DK	(OI 2011 1)	MM YYYY
SECOND MEDICATION / INJECTION TO:	FIRST MEDICATION / INJECTION	
SECOND MEDICATION / INJECTION DK ASK A45 RF SKIP TO A46 TO: DK DK DK THIRD MEDICATION / INJECTION DK ASK A45 RF SKIP TO A46 FROM: MM YYYYY DK DK DK DK FROM: MM YYYYY DK DK DK DK TO: MMM YYYYY DK DK TO: MMM YYYY TO: MMM YYYY TO: MMM YYY TO: MMM YY TO	DK ☐ ASK A45 RF ☐ SKIP TO A46	DK DK
TO:		MM YYYY
THIRD MEDICATION / INJECTION DK ASK A45 RF SKIP TO A46 TO:	SECOND MEDICATION / INJECTION	то:
THIRD MEDICATION / INJECTION DK ASK A45 RF SKIP TO A46 FROM: MM YYYYY DK DK DK DK TO: MM YYYYY DK DK TO: TO: TO: TO: TO: TO: TO: TO	DK ASK A45 RF SKIP TO A46	DK DK
FOURTH MEDICATION / INJECTION TO:		MM YYYY
FOURTH MEDICATION / INJECTION FOURTH MEDICATION / INJECTION TO:	THIRD MEDICATION / INJECTION	то:
FOURTH MEDICATION / INJECTION TO:	DK ASK A45 RF SKIP TO A46	DK DK
TO:		MM YYYY
DK ASK A45 RF SKIP TO A46	FOURTH MEDICATION / INJECTION	ТО:
	DK ASK A45 RF SKIP TO A46	DK DK

FERTILITY DETAILS-PROCEDURES

A46. In the 2 months (before your pregnancy with [NOIB]/before you became pregnant with this pregnancy), did you have any other procedures to help you become pregnant?

YES		
NO	(SKIP TO A52)	2
	(SKIP TO A52)	

A47.	A48.	A49.	A50.	A51.
Which procedure(s) did you receive in the 2 months before ([NOIB]/this pregnancy) was conceived?/Anything else?	IF ANY PROCEDURE EXCEPT ICSI: Did part of that procedure involve intracytoplasmic sperm injection or ICSI?	What was the date of the last procedure?	Were donor egg(s), donor sperm, or donor embryo(s) used on (DATE)?	Were frozen egg(s), frozen sperm, or frozen embryo(s) used on (DATE)?
ARTIFICIAL OR INTRAUTERINE INSEMINATION	IF NEEDED: ICSI (intracytoplasmic sperm injection). For some IVF procedures, fertilization involves a specialized technique known as intracytoplasmic sperm injection (ICSI). In ICSI a single sperm is injected directly into the woman's egg.	MM DD DK DK	EGG(S) 1 2 -1 SPERM 1 2 -1 EMBRYO(S) 1 2 -1	Y N DK EGG(S) 1 2 -1 SPERM 1 2 -1 EMBRYO(S) 1 2 -1
DK (ASK A48-A51)1 RF (SKIP TO A52)2	YES			
ARTIFICIAL OR INTRAUTERINE INSEMINATION		MM DD DK DK	EGG(S)	EGG(S)
DK (ASK A48-A51)	YES 1 NO 2 DK1			

A52.	IF FATHER UNKNOWN, SKIP TO A55.						
	Did ([NOIB]'s/the) father have any procedures or surgeries before this pregnancy to help you become pregnant?	YES					
	A53.	A54.					
	What was the procedure? PROBE: Are there any more procedures? LIST ALL.	FOR EACH PROCEDURE, ASK: What was the date? REFERRING TO (PROCEDURE)					
	A	MM DD YYYY					
	В	MM DD YYYY					
	DK □ ASK A54 RF □ SKIP TO A55	DK 🔲 🗀					
COMF	PLICATIONS PREVENTION MEDICATIONS						
A55.	After you became pregnant, did you take any medications to prevent pregnancy complications or pregnancy loss such as hormones, steroids or injections?	YES					
A56.	What did you take?/Did you take anything else? LIST ALL. IF CAN'T RECALL, READ LIST: Was it?	Anti D Globulin					
		2DK					

FOR EACH MED, ASK A57–A60. IF GET EXACT DATES IN A57 **AND** A58, SKIP A59. IF GET PARTIAL DATES OR DK IN A57 **AND/OR** A58, ASK A59.

	A57.	A58.	A59.	A60.
	Between (P1) and ([DOIB]/[DOPT]), when did you start using (MEDICINE) for this condition?	When did you stop using (MEDICINE)? OR ASK A59	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
DRUG	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY
1 DK ASK A57-A60 RF SKIP TO A61	DK	DK	DAY(S)	PER DAY
2 DK ASK A57-A60 RF SKIP TO A61	DK	DK	DAY(S)	PER DAY
3 DK ASK A57-A60 RF SKIP TO A61	DK D D	DK	DAY(S)	PER DAY

MORNING SICKNESS

Now, I have some of	questions about mornir	ng sickness during (y	our pregnancy with	[NOIB]/your pregnancy)

A61. During this pregnancy, did you have morning sickness or nausea?

YES	
NO	(SKIP TO A71)
DK	(SKIP TO A71)

A62. During which month(s) did you have nausea or vomiting?				A63. How often during (SPECIFY MONTH) did you have nausea? Would you say	A64. How often during (SPECIFY MONTH) did you have vomiting? Would you		
МО	YES (ASK A63- A64)	NO (NEXT PERIOD)	DK (NEXT PERIOD)	it was (READ LIST)?	say it was (READ LIST)?		
P1	1	2	-1	Never	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1		
P2	1	2	-1	Never	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1		
P3	1	2	-1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1		
T2	1	2	-1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1		
ТЗ	1	2	-1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1	Never 0 Less than once a week 1 Once a week 2 Several days a week 3 Once per day 4 2-3 times per day 5 More than 3 times per day 6 DK -1		

	Did you have any medical treatment or take any medications for your nausea or vomiting?			(SKIP TO	A71) 2 A71) 2	
FOR EACH MED, AND/OR A68, ASI	ASK A67–A70. IF GET EXACT DA < A69.	ATES IN A67 AND A	A68, SKIP A69). IF GET PARTIAL	DATES OR DK IN A67	
A66.	A67.	A68	?	A69.	A70.	
What did you take? PROBE: Di you take anythin else?	Between (P1) and d ([DOIB]/[DOPT]) when did	When did you s (MEDICINE)?		How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL	
LIST ALL. FOR EVERY MEDICINE, ASK A67-A70.	vomiting?				CODES IN APPENDIX	
	MM DD YYYY	MM DD	YYYY	DURATION	FREQUENCY	
1				LLL DK	LLL DK	
DK ASK A67-A70	DK	DK 🔲		DAY(S)	PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4	
2				☐ DK☐	LLL DK	
DK ASK A67-A70	DK	DK 🔲 🔲		DAY(S)	PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4	
DIARRHEA						
through y would be	onths before you became pregrour 3 rd month of pregnancy, wh (B3 through P3), did you ever h that is 3 or more unusually loos	ich ave	NO	(SKIP TO A		
A72. On about how many days did you have diarrhea? # OF DAYS						
DIETING						
Now I have some pregnancy).	e questions about weight chang	e before and duri	ng the early	part of (your preg	nancy with [NOIB]/your	
	h did you weigh before (your pr B]/your pregnancy)?	egnancy	ENTER NI	JMBERDK	RF RF	
					1	

A74.	At any time from 3 months before you became pregnant through your 3 rd month of pregnancy did you try to lose weight?	YES
A75.	Did you try to lose weight by (READ CHOICES)? CHOOSE ALL THAT APPLY	Eating less food or skipping meals or fasting
		Doing anything else(SPECIFY IN A75b)5 DK1 RF2
	A75a. ENTER MEDICINES AND HERBS	A. SPECIFY MEDICINES/HERBS:
	A75b. ENTER ANY OTHER WEIGHT LOSS METHODS.	B. SPECIFY OTHER WEIGHT LOSS METHODS:
Now	l am going to ask you about actual weight change in ea	rly pregnancy.
A76.	During the first 3 months of your pregnancy, (P1 through P3) did you gain weight, lose weight, or stay the same?	GAIN
A77.	How much weight did you (gain/lose) in that period?	WEIGHT (GAIN/LOSS) DK RF POUNDS KG
A78.	Overall, how much weight did you gain or lose during the entire pregnancy?	ENTER NUMBER DK RF D POUNDS 1 KG 2
A79.	PROBE: IF NOT VOLUNTEERED, ASK: Was that a gain or a loss? ENTER GAIN/LOSS/NO CHANGE.	GAIN
A80.	What is your height without shoes?	FEETDK RF
		INCHES
		OR CENTIMETERS
		DK RF

SECTION B: MATERNAL HEALTH—DIABETES

At this time, and at other times during this interview, I will be asking you about illnesses you may have had and various kinds of medications or remedies you may have used. Please include medications prescribed by a health care practitioner and medications you might have obtained without a prescription from stores, pharmacies, friends or relatives, as well as herbal or home remedies. Now I have some questions about your health.

B1.	Were you ever told by a doctor that you had diabetes (including gestational diabetes), sometimes called sugar diabetes or diabetes mellitus?	YES
B2.	What type of diabetes did you have? Was it (READ LIST)?	Gestational, that is during pregnancy only
B3.	What month and year were you first diagnosed?	DATEMM YYYY DK DK DK
	PROBE: How old were you when you were diagnosed? SEE SPECIAL CODES IN APPENDIX .	OR AGE IN YEARS
B4.	Did you ever take insulin?	YES
B5.	At what age did you start taking insulin? SEE SPECIAL CODES IN APPENDIX.	AGE IN YEARSDK
B6.	Have you been taking insulin continuously since that time?	YES(SKIP TO B8)
B7.	When did you stop taking it?	DATEMM YYYY
	SEE SPECIAL CODES IN APPENDIX.	OR AGE IN YEARSDK
	MEMO FIELD FOR MORE COMPLEX INSULIN-TAKING PA	TTERNS:

B8.	Did you do anything else to manage your diabetes or its complications between your first month of pregnancy and the end of your pregnancy?	YES
B9.	What did you do? Did you? READ OPTIONS. CHOOSE ALL THAT APPLY.	a. Modify your eating habits(ASK B10)
B10.	IF B9 = a OR b: In order to modify your eating habits or control your weight, did you? READ OPTIONS. CHOOSE ALL THAT APPLY.	Follow a diet specifically for diabetes
B11.	IF B9 = c, ASK B11-B15 THEN SKIP TO B17. What medications did you take?/Did you take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?	Diabeta □ Diabinese □ Glucophage □ Glucotrol □ Glucotrol XL □ Glynase Prestab □ Micronase □ Other (SPECIFY) □ RF (SKIP TO B16) □ 1. □ □ 2. □ □ 3. □ □

FOR EACH MED, ASK B12-B15. IF GET EXACT DATES IN B12 **AND** B13, SKIP B14. IF GET PARTIAL DATES OR DK IN B12 **AND/OR** B13, ASK B14.

	B12.	B13	3.	B14.	B15.
	Between (B3) and	When did you	stop using	How long did	How often did you
	([DOIB]/[DOPT]), when did you start using	(MEDICINE)?		you take it?	use (MEDICINE)?
	(MEDICINE) for this	OR ASK B14			SEE SPECIAL CODES
	illness?				IN APPENDIX
DRUG	MM DD YYYY	MM DD	YYYY	DURATION	FREQUENCY
1				LLL DK	
DK ASK B12-B15				Day(s)1	Per Day 1
RF SKIP TO B16	DK	DK 🔲		Week(s)2	Per Week 2
RF - SKIP TO BTO				Month(s)3	Per Month 3 Per Year 4
					LLL DK
2					
DK ASK B12-B15				Day(s)1	Per Day 1 Per Week 2
RF SKIP TO B16	DK U	DK L	Ч	Week(s)2 Month(s)3	Per Month3
					Per Year 4
			1 1 1 1		L∐ DK□
3					
DK ASK B12-B15				Day(s)1	Per Day 1 Per Week 2
RF SKIP TO B16	DK U U	DK L	ш	Week(s) 2 Month(s) 3	Per Week 2 Per Month 3
				World (3)	Per Year 4
B16. IF B9 = d: What else did	d you do?/Anything else?		1		DK
What old an	a you do .// wiyamig oloo .		2.		DK□
			3		DK
D47 Llave attain -1:	d (this massure these messes	roo)	Λίνωνο		04
	d (this measure/these measure) olling your diabetes?	162)			01 02
READ OPTIO			Part of the time	.	03
					04
	DK RF			-2	

MATERNAL HEALTH-HIGH BLOOD PRESSURE

B18.	Were you ever in your life told by a doctor that you had high blood pressure, toxemia, preeclampsia or eclampsia?	YES
B19.	What type of high blood pressure did you have? Was it Pregnancy-related - that is during pregnancy only? This might also be called pregnancy-induced toxemia or preeclampsia or eclampsia. Or was it Chronic high blood pressure or chronic hypertension ? This is high blood pressure that is not related to your pregnancy. This may have been diagnosed during pregnancy but did not go away after the pregnancy ended.	PREGNANCY RELATED(ASK B20, SKIP B21)
B20.	When were you first diagnosed with high blood pressure?	DATEMM YYYY DK D DK
	PROBE: How old were you when you were diagnosed? SEE SPECIAL CODES IN APPENDIX.	OR AGE IN YEARS
B21.	SKIP IF B19 = 1: Were you pregnant at the time?	YES
B22.	Did you have pregnancy-related high blood pressure when you were pregnant with ([NOIB]/this pregnancy)? PROMPT: Pregnancy-related means during pregnancy only. This might also be called pregnancy-induced toxemia or pre-eclampsia or eclampsia.	YES
B23.	Did you take any medications or remedies for high blood pressure from 3 months before you became pregnant, which would be (B3), to the end of your pregnancy?	YES

B24.	What did you take? / Did you take anything			
	else? LIST ALL. IF CAN'T RECALL, READ FROM			
	DRUG LIST: Did you take?			

Ace Inhibitor (NOS)
Aldomet Tablet
Antihypertensive (NOS)
Atenolol
Beta Blocker (NOS)
Capoten
Diltiazem HCL
Enalapril Maleate
Hydralazine/HCTZ
Lisinopril
Metoprolol
Nifedipine
Propranolol
Quinapril HCL
Ramipril
Verapamil
Other(SPECIFY)
RF(SKIP TO B29)
1DK
2DK
3DK□

FOR EACH MED, ASK B25–B28. IF GET EXACT DATES IN B25 $\pmb{\mathsf{AND}}$ B26, SKIP B27. IF GET PARTIAL DATES OR DK IN B25 $\pmb{\mathsf{AND/OR}}$ B26, ASK B27.

	B25.	B26.	B27.	B28.
	Between (B3) and	When did you stop using	How long did	How often did
	([DOIB]/[DOPT]), when did	(MEDICINE)?	you take it?	you use
	you start using (MEDICINE)	OR ASK B27		(MEDICINE)?
	for this illness?			SEE SPECIAL
				CODES IN
				APPENDIX
DRUG	MM DD YYYY	MM DD YYYY	DURATION	FREQUENCY
1	1			
			LLL DK	LLL DK
DK ASK B25-B28			Davida	Per Day1
RF SKIP TO B29	DK U U	DK U U	Day(s) 1 Week(s)2	Per Week2
			Month(s)3	Per Month3 Per Year4
				1 01 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1
2]			
DK ASK B25-B28				
_		DK D	Day(s)1	Per Day1
RF SKIP TO B29			Week(s)2	Per Week2 Per Month3
			Month(s)3	Per Year4
		l		
3				
DK ASK B25-B28				
RF SKIP TO B29	DK	DK	Day(s) 1	Per Day1 Per Week2
			Week(s)2 Month(s)3	Per Month3
				Per Year 4

MATERNAL HEALTH-SEIZURES

B29.	Have you ever had seizures?	YES(SKIP TO B40) NO(SKIP TO B40) DK(SKIP TO B40)	
B30.	Were you ever told by a doctor that you had epilepsy?	YES(SKIP TO B38) NO(SKIP TO B38) DK(SKIP TO B38)	
B31.	How old were you when you were told that you had epilepsy? SEE SPECIAL CODES IN APPENDIX.	AGE IN YEARS	DK 🗆
B32.	Did you take any medications or remedies for epilepsy from 3 months before you became pregnant to the end of your pregnancy?	YES(SKIP TO B40) DK(SKIP TO B40)	
B33.	What did you take? / Did you take anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST: Did you take?	Depakene, Depakote, valproic acid Dilantin, phenytoin Felbatol Klonopin, clonazepam Lamictal Phenobarbital Tegretol, Carbatrol Other(SPECIFY) RF(SKIP TO B40)	
		1	
		2.	
		3	DK \square

FOR EACH MED, ASK B34–B37. IF GET EXACT DATES IN B34 ${
m AND}$ B35, SKIP B36. IF GET PARTIAL DATES OR DK IN B34 ${
m AND/OR}$ B35, ASK B36.

		B	34.		B35		B36.	B37.
		Between (B3)	and	When d	id you s	stop using	How long did	How often did
		([DOIB]/[DOP]	Γ]), when did	(MEDICI	NE)?		you take it?	you use
		you start usir	ng (MEDICINE)					(MEDICINE)?
		for this illness		OR ASK	B36			,
								SEE SPECIAL
								CODES IN
								APPENDIX
	DRUG	MM DD	YYYY	MM	DD	YYYY	DURATION	FREQUENCY
1							LLL DK	LLL DK
	SK B34-B37							
							D(-)	Per Day 1
RF SI	KIP TO B40	DK 🔲	U	DK	_	U	Day(s) 1 Week(s)2	Per Week 2
							Month(s)3	Per Month 3
							(5)	Per Year 4
				l	1 11	1 1 1 1		l <u> </u>
2					$\perp \! \! \perp \! \! \perp \! \! \! \perp$			
	SK B34-B37							
		DK 🔲		DK			Day(s) 1	Per Day 1
RF SI	KIP TO B40		_		_	_	Week(s)2	Per Week 2
							Month(s)3	Per Month 3 Per Year 4
								1 01 1041
		1		11 1 11	1 11	I + I + I		
3							DK	
DK LA	SK B34-B37		_	_	_	_		Dan Dani
		DK .		DK			Day(s)1	Per Day 1 Per Week 2
RF US	KIP TO B40						Week(s)2	Per Month 3
							Month(s)3	Per Year 4
_								
		SKIP TO B	40.					
•								
B38.	Did vou ever h	nave seizures	that were not re	lated	YES			1
	to fever?						(SKIP TO B40)	
					DK		(SKIP TO B40)	1
Dan	Did you take a	any madiaatiaa	o or romadica f	or	VEQ	(GO BACK	TO B33 AND FILL OU	IT CHART) 1
B39.			s or remedies f				TO 633 AND FILL OU	
			ore you became	!	_			
	pregnant to th	e end of your	oregnancy?					

MATERNAL HEALTH-RESPIRATORY ILLNESS

B40.	From 3 months before you became pregnant to
	the end of your pregnancy, did you have a cold or
	flu?

A. IF YES: How many episodes did you have?

YES		1
NO	(SKIP TO B53)	2
	(SKIP TO B53)	
	'	

OF EPISODES

IF DK: How many episodes do you remember?

FOR EACH ILLNESS, ASK B41-B44. IF GET EXACT DATES IN B41 **AND** B42, SKIP B43. IF GET PARTIAL DATES OR DK IN B41 **AND/OR** B42, ASK B43.

	B41.	B42.	B43.	B44.
	When did your (1 st /2 nd /3 rd)	When did the illness stop?	How long did	When you were ill on this occasion,
	cold or flu episode start?		the illness	did you have any of the following?
		OR ASK B43	last?	(READ LIST).
		.		YES NO DK
1.	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	a. Respiratory symptoms such as a cough, congestion or runny nose

c. Muscle aches d. Fever IF YES TO d, ASK	1 1 1 1 SK B45 AN	a. Respiratory symptoms such as a cough, congestion or runny nose b. Diarrhea or vomiting c. Muscle aches d. Fever IF YES TO d, ASK BOTHERS SKI	symptoms such a a cough, congestion or runny nose	_	MM DD YY		YYYY	DD	DK D	2.
--	-------------------	---	---	---	----------	--	------	----	------	----

	B45.	B46.	B47.	B48.		
	How long did the fever last?	What was the highest temperature recorded during your fever?	Did you take any medications or remedies for this illness?	What did you take? / Did you take anything else? LIST ALL. IF CAN RECALL, READ FROM DRUG LI Did you take?	ľΤ	
1.	DK D	DK NOT RECORDED	YES	Acetaminophen Advil		
	HOUR(S)	FAHRENHEIT F CENTIGRADE C		Ampicialif Augmentin Erythromycin Ibuprofen Motrin Naproxen Sodium Nuprin Penicillin (NOS) Robitussin Sudafed. Tylenol. Relenza or Zanamivir Tamiflu or Oseltamivir Other (SPECIFY) RF(SKIP TO B53) 1		
2.	HOUR(S)	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES	Acetaminophen Advil Afrin Nasal Spray Amoxicillin Ampicillin Augmentin Erythromycin Ibuprofen Motrin Naproxen Sodium Nuprin Penicillin (NOS) Robitussin Sudafed Tylenol Relenza or Zanamivir Tamiflu or Oseltamivir Other (SPECIFY) RF (SKIP TO B53) 1. 2. 3.		

FOR EACH MEDICINE (BY ILLNESS) ASK B49–B52. IF GET EXACT DATES IN B49 ${
m AND}$ B50, SKIP B51. IF GET PARTIAL DATES OR DK IN B49 ${
m AND/OR}$ B50, ASK B51.

	B49.	B50.	B51.	B52.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B51	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
1.	ILLNESS			
	NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53			
	MM DD YYYY	MM DD YYYY DK	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
2.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LL DK	LLL DK
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
3.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLL DK	LLL DK
	MM DD YYYY DK	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
4.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53		LLL DK	L∐ DK□
	MM DD YYYY DK	DK D YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
5.	ILLNESS			
	DRUG NAME IF DK DRUG ASK B49-B52 IF RF DRUG SKIP TO B53			
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

MATERNAL HEALTH-INFECTIONS

B53. From 3 months before you became pregnant to the end of your pregnancy, did you have any of the following illnesses...? READ LIST

A.	a kidney, bladder, or urinary tract infection?	YES	
B.	pelvic inflammatory disease or PID?	YES	,

IF NO TO BOTH A AND B, SKIP TO B65. FOR EACH YES, ASK B54-B60.

	B54.		B55.			B56.
	Was the (infection/ PID) diagnosed by a doctor?	During whice illness?			ave the	When you were sick with (infection/PID), did you have a fever?
	doctor.	MO	YES	NO	DK	ala you have a lovel.
A. kidney, bladder, or urinary tract infection (UTI)	YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES
B. PID	YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES

	B57.	B58.	B59.	B60.
	How long did the	What was the	Did you take any	What did you take? / Did you take
	fever last?	highest temperature recorded during	medications or remedies	anything else? LIST ALL. IF CAN'T RECALL, READ FROM DRUG LIST:
		your fever?	for your (ILLNESS)?	Did you take?
,		your rever:		Dia you take:
A.			YES1 NO(SKIP TO B65)2	Amoxicillin, Amoxil, Trimox
	DK	DK	DK(SKIP TO B65)1	Augmentin
				Biaxin
		NOT RECORDED 🖵		Cipro
	HOUR(S)1	FAHRENHEITF		Doxycycline, Vibramycin
	DAY(S)2 WEEK(S)3	CENTIGRADEC		Erythromycin, Erythrocin, EES
	MONTH(S)4			Levaquin
				Rebetol, Virazole
				Rebetron
				Zithromax
				Other (SPECIFY)
				RF(SKIP TO B65)
				1 DK
				2 DK
				3 DK
В.				Amoxicillin, Amoxil, Trimox
	DK		YES1	Augmentin
		DK	NO(SKIP TO B65)2 DK(SKIP TO B65)1	Biaxin
			Drammin (Grain 10 200)	Cipro
	HOUR(S)1	NOT RECORDED		Doxycycline, Vibramycin
	DAY(S)2	FAHRENHEITF		Erythromycin, Erythrocin, EES
	WEEK(S) 3 MONTH(S) 4	CENTIGRADEC		Levaquin
				Rebetol, Virazole
				Rebetron
				Zithromax
				Other (SPECIFY)
				RF(SKIP TO B65)
				1 DK□
				2 DK
				3 DK

FOR EACH MEDICINE (BY ILLNESS) ASK B61-B64. IF GET EXACT DATES IN B61 **AND** B62, SKIP B63. IF GET PARTIAL DATES OR DK IN B61 **AND/OR** B62, ASK B63.

	B61.	B62.	B63.	B64.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B63	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX.
			DURATION	FREQUENCY
	ILLNESS A: KIDNEY, BLADDER, UTI IF DK DRUG ASK B61-B64			
	IF RF DRUG SKIP TO B65			
1.	DRUG NAME		□ □ □ □ □ □	L∐ dk□
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
2.	DRUG NAME		LLI DK 🗖	LLL DK
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
3.	DRUG NAME		LLI DK 🗖	LLI DK 🗖
	MM DD YYYY DK	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	ILLNESS B: PID IF DK DRUG ASK B61-B64 IF RF DRUG SKIP TO B65			
4.	DRUG NAME		L	LLL DK
	MM DD YYYY DK	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
5.	DRUG NAME		L∐ DK□	L∐ DK□
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
6.	DRUG NAME		LLI DK 🗖	LLI DK 🗖
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

MATERNAL HEALTH-OTHER FEVER

B65	 From 3 months before the end of your preg fevers that we have including those due infection, or other illing 	nancy n't alre to bro	v, did yo eady ta	ou hav Iked a	ve any lbout,	, NC DK	S(SKIP	TO B77)	2	
	A. IF YES: How man	y feve	rs did y	ou ha	ave?		# OF FEVERSIF DK: How many fevers do you remember?			
	B66. What was the cause of the (1 st /2 nd /3 rd) fever?/Any other fevers? LIST EACH EPISODE OF FEVER EVEN IF CAUSE NOT KNOWN AND ASK	(CAL durir	B6 In you I JSE OF Ing which ths did ver?	nad FEVE th of th	nose	B68. How long did the fever last?	B69. What was the highest temperature recorded during your fever?	B70. Did you have a rash with this fever?	B71. Did you take any medications or remedies for (CAUSE OF FEVER)?	
Α.	CAUSE OF FEVER	B3 B2 B1 P1 P2 P3 T2 T3	YES 1 1 1 1 1 1 1 1 1 1 1	NO 2 2 2 2 2 2 2 2 2 2 2	DK -1 -1 -1 -1 -1 -1 -1 -1	DK DHOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES	
B.	CAUSE OF FEVER	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	DK DHOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES	
C.	CAUSE OF FEVER	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	DK DHOUR(S)1 DAY(S)2 WEEK(S)3 MONTH(S)4	DK NOT RECORDED FAHRENHEIT F CENTIGRADE C	YES1 NO2 DK1	YES	

FOR EACH MEDICINE (BY ILLNESS) ASK B73–B76. IF GET EXACT DATES IN B73 **AND** B74, SKIP B75. IF GET PARTIAL DATES OR DK IN B73 **AND/OR** B74, ASK B75.

011	B72.		B73.	B74.
	What did you take? Did you take		When did you start using	When did you stop using
	anything else? CODE ALL THAT		(MEDICINE) for this illness?	(MEDICINE)?
	APPLY. IF CAN'T RECALL, READ		(MEDICHTE) for time imfoce.	(1123131112):
	FROM DRUG LIST: Did you take	?		OR ASK B75
	IF DK DRUG ASK B73-B76 IF RF DRUG SKIP TO B77			
				·
Α.	Acetaminophen	🗆	DRUG 1	
	Advil			
	Aleve			
	Aspirin	💾	MM DD YYYY	
	Ibuprofen			MM DD YYYY
	Motrin			
	Naproxen Sodium			
	Nuprin		DDI IO O	
	Tylenol		DRUG 2	
	Other (SPECIFY)			
	1D		MM DD YYYY	MM DD YYYY
	2D	K□		
	3 D	NU	DK U	DK U
В.	Acetaminophen		DRUG 3	
	Advil			
	Aleve			
	Aspirin		MM DD YYYY	MAN DD YWWY
	Ibuprofen			MM DD YYYY
	Motrin			
	Naproxen Sodium			
	Nuprin		DDIIC 4	
	Tylenol		DRUG 4	
	RF(SKIP TO B77)	🗖		
	1 D			
	2D	K□	MM DD YYYY	MM DD YYYY
	3 D	Κ□	DK	
	0		DK U	DK U
C.	Acetaminophen		DRUG 5	
	Advil			
	Aleve			
	Aspirin			
	Ibuprofen		MM DD YYYY	MM DD YYYY
	Motrin			
	Naproxen Sodium			
	Nuprin		PR-110-0	
	Tylenol		DRUG 6	
	Other (SPECIFY)			
	RF(SKIP TO B77)			
		K 🗆	MM DD YYYY	MM DD YYYY
		K 🗆		
	3D	K□		DK L

		B75.	B76.	
		How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX	
		DURATION	FREQUENCY	
A.	DRUG 1	Day(s)1 Week(s)	Per Day1 Per Week2	
	DRUG 2	Month(s)	Per Month	
B.	DRUG 3	Day(s)	Per Day	
	DRUG 4	Day(s)	Per Day	
		Г		
C.	DRUG 5	Day(s)	Per Day	
	DRUG 6	Day(s)	Per Day	

MATERNAL HEALTH-OTHER DISEASES

B77. From 3 months before you became pregnant to the end of your pregnancy, did you have any other illnesses that we haven't already talked about such as infectious diseases including sexually transmitted diseases, or chickenpox?

YES	1
NO	(SKIP TO B87)2
DK	(SKIP TO B87)1

	B78.	B79.		B8	0.		B81.	B82.
	What did you have? / Did you have anything else? LIST ALL. FOR EACH ILLNESS ASK B79-B86.	When was it first diagnosed? REFERRING TO (CONDITION) PROBE: How old were you when you	([DOII	een (B3) B]/[DOPT nave sym]), wher		Did you take any medications or remedies for (ILLNESS)?	What did you take? Did you take anything else? LIST ALL
Α.		were diagnosed?	MO	YES	NO	DK	YES1	
	ILLNESS	MM YYYY	B3 B2 B1	1 1 1	2 2 2	-1 -1 -1	NO (SKIP TO B87) 2 DK (SKIP TO B87)1	1 2
	DK ASK B79-B82	OR AGE IN YEARS LLL DK	P1 P2 P3 T2	1 1 1	2 2 2 2	-1 -1 -1 -1		3 4 DK ASK B83-B86
	RF SKIP TO B87	SEE SPECIAL CODES IN APPENDIX.	T3	1	2	-1		RF SKIP TO B87
В.								
υ.	ILLNESS DK ASK B79-B82	OR AGE IN YEARS DK	B3 B2 B1 P1 P2 P3 T2	1 1 1 1 1 1	2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1	YES	1
	RF SKIP TO B87	SEE SPECIAL CODES IN APPENDIX.	T3	1	2	-1		DK 🔲 ASK B83-B86 RF 🔲 SKIP TO B87
C.	ILLNESS DK ASK B79-B82 RF SKIP TO B87	OR AGE IN YEARS L DK SEE SPECIAL CODES IN APPENDIX.	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES	1

FOR EACH MEDICINE, ASK B83–B86. IF GET EXACT DATES IN B83 **AND** B84, SKIP B85. IF GET PARTIAL DATES OR DK IN B83 **AND/OR** B84, ASK B85.

	B83.	B84.	B85.	B86.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B85	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
		OK NOK BOS	DURATION	FREQUENCY
A.	DRUG 1		LLL DK	LLI DK 🗖
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 2			
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
B.	DRUG 3			
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 4			L∐ DK□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
C.	DRUG 5			
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 6		LL DK	L∐ dk□
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

B87.	Have you ever been diagnosed with any other chronic
	diseases or illnesses that we haven't talked about such as
	asthma, thyroid disease, an autoimmune disease, or other
	chronic or long-term diseases?

YES		1
NO	. (SKIP TO B97))2
)1

PROBE: Such as rheumatoid arthritis, psoriasis, alopecia, lupus, Addison's disease, pernicious anemia, celiac disease, multiple sclerosis, myasthenia gravis or Guillain-Barre Syndrome.

	B88.	B89.		В9	0.		B91.	B92.
	What did you have? / Did you have anything else? LIST ALL. FOR EACH ILLNESS ASK B89-	When was it first diagnosed? REFERRING TO (CONDITION)	([DOII	een (B3) B]/[DOPT nave syn]) wher		Did you take any medications or remedies for (ILLNESS)?	What did you take? Did you take anything else?
	B96.	PROBE: How old were you when you were diagnosed?	MO	YES	NO	DK		LIST ALL
Α.	ILLNESS DK ASK B89-B92	MM YYYY	B3 B2 B1 P1	1 1 1	2 2 2 2	-1 -1 -1	YES1 NO (SKIP TO B97) 2 DK (SKIP TO B97)1	1
	RF SKIP TO B97	OR AGE IN YEARS DK	P2 P3 T2 T3	1 1 1 1	2 2 2 2	-1 -1 -1 -1		3 4 DK ASK B93-B96
		SEE SPECIAL CODES IN APPENDIX.						RF SKIP TO B97
В.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	OR AGE IN YEARS DK	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO (SKIP TO B97) 2 DK (SKIP TO B97)1	1 2 3 4 DK ASK B93-B96
		SEE SPECIAL CODES IN APPENDIX.						RF SKIP TO B97
C.	ILLNESS DK ASK B89-B92 RF SKIP TO B97	OR AGE IN YEARS DK	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO (SKIP TO B97) 2 DK (SKIP TO B97)1	1
		SEE SPECIAL CODES IN APPENDIX.						RF SKIP TO B97

FOR EACH MEDICINE, ASK B93-B96. IF GET EXACT DATES IN B93 **AND** B94, SKIP B95. IF GET PARTIAL DATES OR DK IN B93 **AND/OR** B94, ASK B95.

	B93.	B94.	B95.	B96.
	When did you start using (MEDICINE) for this illness?	When did you stop using (MEDICINE)? OR ASK B95	How long did you take it?	How often did you use (MEDICINE)? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
A.	DRUG 1		L∐ DK□	L∐ DK□
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day
	DRUG 2		LLI DK	LLI DK
	MM DD YYYY	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
B.	DRUG 3			LLL DK
	MM DD YYYY	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 4		L∐ dk□	L∐ dK□
	MM DD YYYY	MM DD YYYY DK	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
_	Г		I	I
C.	DRUG 5		L∐ dK□	L∐ DK□
	MM DD YYYY	MM DD YYYY DK	Day(s) 1 Week(s) 2 Month(s) 3	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 6		L∐ dK□	L∐ dK□
	MM DD YYYY	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

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MATERNAL HEALTH-INJURIES

B97.	From 3 months before you became pregnant to	YES
D01.	· · · · · · · · · · · · · · · · · · ·	NO(SKIP TO B106)
	the end of your pregnancy, were you injured by,	DK(SKIP TO B106)
	for example, a car accident, fall, or being hurt by	,
	another person?	

	B98.	B99.	B100.	B101.
	What was the cause and what injuries did you have? / Anything else? ASK B99-B105 FOR EACH.	What was the date of your (INJURY)?	Did you take any medicine or receive any injections because of the injury(s)?	What did you take? Did you take anything else? LIST ALL.
Α.	INJURY CAUSE DK ASK B99-B101 RF SKIP TO B106	MM DD YYYY DK	YES	1 2 3 4 DK ASK B102-B105 RF SKIP TO B106
В.				
	INJURY	MM DD YYYY DK	YES	1
	CAUSE			4
	DK ASK B99-B101			DK
	RF SKIP TO B106			RF SKIP TO B100
C.			YES1 NO(NEXT INJURY OR SKIP	1
	INJURY	MM DD YYYY	TO B106)2 DK(NEXT INJURY OR SKIP TO B106)1	2 3
	CAUSE		10 8100)1	4
	DK ASK B99-B101			DK ASK B102-B105
	RF SKIP TO B106			RF SKIP TO B106

FOR EACH MEDICINE (BY INJURY), ASK B102–B105. IF GET EXACT DATES IN B102 $\bf AND$ B103, SKIP B104. IF GET PARTIAL DATES OR DK IN B102 $\bf AND/OR$ B103, ASK B104.

	B102.	B103.	B104.	B105.
	When did you start using (MEDICINE) for this injury?	When did you stop using (MEDICINE)?	How long did you take it?	How often did you use (MEDICINE)?
		OR ASK B104		SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
A.	INJURY			
	DRUG 1			
	MM DD YYYY DK	MM DD YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day
	DRUG 2		LLI DK	
	MM DD YYYY DK	DK D YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day
B.	INJURY			
	DRUG 3		L∐ DK□	L∐ DK□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day
	DRUG 4			L∐ DK□
	MM DD YYYY DK	DK D YYYY	Day(s) 1 Week(s) 2 Month(s) 3	Per Day
C.				
0.	INJURY			
	DRUG 5		∐ dk □	∐ dk □
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day
	DRUG 6			
	MM DD YYYY DK	MM DD YYYY	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

MATERNAL HEALTH-SURGERY

B106.	From 3 months before you became	YES1
D 100.	pregnant to the end of your pregnancy, did	NO(SKIP TO B116)2
		DK (SKIP TO B116)1
	you have any surgical procedures?	

B107. What was done? / Anything else? ASK B108- B115 FOR EACH.	B108. Did you have general anesthesia or local anesthesia? REFERRING TO (PROCEDURE)	1	B1 t monthedure to			B110. Did you take any medicine or receive any injections because of the surgery?	B111. What did you take?/ Did you take anything else? LIST ALL.
SURGERY DK ASK B108-B111 RF SKIP TO B116	GENERAL ANESTHESIA? YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO (SKIP TO B116) . 2 DK (SKIP TO B116) -1	1
SURGERY DK ASK B108-B111 RF SKIP TO B116	GENERAL ANESTHESIA? YES	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1	YES1 NO (SKIP TO B116) .2 DK (SKIP TO B116) -1	1

FOR EACH MEDICINE (BY SURGERY) ASK B112–B115. IF GET EXACT DATES IN B112 **AND** B113, SKIP B114. IF GET PARTIAL DATES OR DK IN B112 **AND/OR** B113, ASK B114.

	B112.	B113.	B114.	B115.
	When did you start using (MEDICINE) for this surgery?	When did you stop using (MEDICINE)?	How long did you take it?	How often did you use (MEDICINE)?
		OR ASK B114		SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
A.	SURGERY			
	DRUG 1		LLL DK	L∐ DK□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 2		LL DK	L∐ dK□
	MM DD YYYY	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
B.	SURGERY			
	DRUG 3		L∐ DK□	LLI DK
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4
	DRUG 4		L∐ DK□	∐ dk□
	MM DD YYYY DK	MM DD YYYY DK	Day(s)	Per Day 1 Per Week 2 Per Month 3 Per Year 4

MATERNAL HEALTH-X-RAY OR SCANS

B116. From 3 months before you became pregnant to the end of your pregnancy, did you have any x-rays or scans, not related to your pregnancy?

YES		1
NO	(SKIP TO SECTION C)	2
	(SKIP TO SECTION C)	

		B117.				B118.			B119	9.	
Dio	d you have: / Did yo	u have	anythir	ng else?		What part of your body REFERRING TO (PROCEDI	was tested? JRE)	What test d	month one?	was th	ne
		YES (ASK B118- B120)	NO (NXT)	DK (ASK B118- B120)	RF (ASK B118- B120)			MO	YES	NO	DK
A.	X-rays, including dental, mammogram, upper GI or IVP (Intravenous Pyelogram),	1	0	-1	-2	ABDOMEN = 01 ADRENAL GLAND = 02 ARM/ELBOW = 03 BACK = 04 BLADDER = 05 BODY, TOTAL = 06 BONE = 07 BRAIN = 08 BREAST = 09 CHEST = 10 DENTAL/TEETH = 35	DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
B.	CT or CAT scans,	2	0	-1	-2	FOOT = 11 GALLBLADDER = 12 HAND = 13 HEAD/SKULL/FACE = 14 HEART = 15 HIP = 16 INTESTINES = 17 KIDNEY = 18 LEG/KNEE = 19 LIVER = 20 LOWER GI = 21	DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
C.	MRI (or magnetic resonance imaging),	3	0	-1	-2	LUNGS = 22 MOUTH = 23 NECK = 24 PELVIS = 25 SHOULDER = 26 SPINE = 27 SPLEEN = 28 STOMACH = 29 THYROID = 30 UPPER GI = 31 URINARY TRACT = 32	DK ASK B119- B121 RF ASK B119- B120	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
D.	Radionuclide study or scan,	4	0	-1	-2	UTERUS (INCLUDES TUBES & OVARIES) = 33 VASCULAR SYSTEM = 34 WRIST = 36 OTHER (SPECIFY) = -5 SPECIFY: BODY PART	DK ASK B119- B121 RF ASK B119- B120	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1
	Other x-ray or scan? ECIFY TEST:	-5	0	-1	-2		DK ASK B119- B121 RF ASK B119- B121	B3 B2 B1 P1 P2 P3 T2 T3	1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2	-1 -1 -1 -1 -1 -1 -1

FOR EACH MONTH WITH 'YES' RESPONSE IN B119, ASK B120.

B120. B121.

How many (TESTS) did you l	ve in (MONTH)?	IF B117 = A, B OR E: Was your pelvis shielded with a lead apron?
TEST 1 TYPE:	B3 NUMBER OF TESTS	YES
TEST 2 TYPE:	B3 NUMBER OF TESTS	YES
TEST 3 TYPE:	B3 NUMBER OF TESTS	DK

SECTION C: MEDICATION

C1. We are interested in some medicines that you may have taken from 3 months before you became pregnant, which would be (B3), to the end of your pregnancy. These would include prescription and nonprescription medicines. Some of these medicines we may have already discussed. I will read you a list of medications. As I read the list, please tell me Yes or No whether you took the medicine. During this time period, did you take any of the following medications? READ CHOICES

FC	DR EACH YES, ASK C2-C5.	YES	NO	DK
a.	Tylenol, or	1	2	-1
b.	Datril, or	1	2	-1
C.	Acetaminophen	1	2	-1
d.	Advil, or	1	2	-1
e.	Motrin, or	1	2	-1
f.	Nuprin, or	1	2	-1
g.	lbuprofen	1	2	-1
h.	Aleve	1	2	-1
i.	Aspirin	1	2	-1
j.	Prozac	1	2	-1
k.	Wellbutrin, or	1	2	-1
l.	Zyban	1	2	-1
m.	Paxil	1	2	-1
n.	Zoloft	1	2	-1
Ο.	Effexor	1	2	-1
p.	Celexa	1	2	-1
q.	Levofloxacin	1	2	-1
r.	Amoxicillin	1	2	-1
S.	Augmentin	1	2	-1
t.	Bactrim	1	2	-1
u.	Septra	1	2	-1
V.	Cipro	1	2	-1
w.	Doxycycline	1	2	-1
x.	Zithromax	1	2	-1
у.	Thalidomide	1	2	-1
z.	Nicotine Patch	1	2	-1
aa.	Nicotine Gum	1	2	-1
bb.	Cytotec, or	1	2	-1
CC.	Misoprostol	1	2	-1
dd.	Accutane	1	2	-1
ee.	Methotrexate	1	2	-1
ff.	Claritin	1	2	-1
gg.	Allegra	1	2	-1
hh.	Zyrtec	1	2	-1
ii.	Cellcept	1	2	-1
jj.	Myfortic	1	2	-1
kk.	An antiviral such as Relenza	1	2	-1
II.	Zanamivir	1	2	-1
			_	

FOR EACH YES, ASK C2-C5.	YES	NO	DK
mm. Tamiflu	1	2	-1
nn. Oseltamivir	1	2	-1
oo. Some other antiviral medication?			
	1	2	-1
pp. During this time period, did you take any medications, remedies, or treatments that we haven't already talked about? For example, flu or allergy shots or medications for asthma, allergies, infections, STDs or HIV/AIDS? What			
drug?/Any others? 1	1	2	-1

IF MORE THAN ONE	C2.	C3.	C4.	C5.
EPISODE OF USE, REPEAT DRUG NAME ON NEXT RECORD AND FILL OUT ADDITIONAL RECORD FOR EACH	During this time period, when did you start using (MEDICINE)?	When did you stop using (MEDICINE)? OR ASK C4	How long did you take it?	How often did you use (MEDICINE)?
PERIOD OF USE.	IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you	IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTICIPATES OR		SEE SPECIAL CODES IN APPENDIX
TYPE OF MEDICINE	use (MEDICINE)?	DK IN C2 AND/OR C3, ASK C4.	DURATION	FREQUENCY
1	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY
				TEN TENN
2	MM DD YYYY	MM DD YYYY	DAY(S)1	PER DAY1
	DK D D	DK	WEEK(S)	PER WEEK2 PER MONTH3 PER YEAR4
3	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
4.	MM DD YYYY	MM DD YYYY		LLL DK
	DK L	DK U	DAY(S)	PER DAY
_	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
5	DK D D	DK D D	DAY(S)	PER DAY
				
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
6	DK	DK	DAY(S)	PER DAY

IF MORE THAN ONE	C2.	C3.	C4.	C5.
EPISODE OF USE, REPEAT DRUG NAME ON NEXT RECORD AND FILL OUT ADDITIONAL RECORD FOR EACH	During this time period, when did you start using (MEDICINE)?	When did you stop using (MEDICINE)? OR ASK C4	How long did you take it?	How often did you use (MEDICINE)?
PERIOD OF USE.	IF A MEDICINE ON THE LIST WAS ALREADY REPORTED, ASK: At what other times besides (USE DATE TO DATE) did you	IF GET EXACT DATES IN C2 AND C3, SKIP C4. IF GET PARTIAL DATES OR DK IN C2 AND/OR C3, ASK		SEE SPECIAL CODES IN APPENDIX
TYPE OF MEDICINE	use (MEDICINE)?	C4.	DURATION	FREQUENCY
	MM DD YYYY	MM DD YYYY	LLL DK□	
7	DK	DK	DAY(S)	PER DAY1 PER WEEK2 PER MONTH3 PER YEAR4
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
8	DK D	DK D	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
9	DK	DK	DAY(S)	PER DAY
	MM DD YYYY	MM DD YYYY	LLL DK	LLL DK
10	DK D	DK D	DAY(S)	PER DAY

HERBAL REMEDIES

C6.	From 3 months before you became pregnant to
	the end of your pregnancy, did you use any
	herbs or folk medicines to treat any medical
	conditions, to lose weight, or just to keep you
	healthy?

YES		1
NO	(SKIP TO D1)	2
	(SKIP TO D1)	

C6a.	C7.	C8.	C9.	C10.
Between (B3) and ([DOIB]/[DOPT]), what herbs or folk medicine did you take?/Anything else?	Between (B3) and ([DOIB]/[DOPT]), when did you start using (REMEDY)?	When did you stop using (REMEDY)? OR ASK C9 IF GET EXACT DATES IN C7 AND C8, SKIP C9. IF GET PARTIAL DATES OR DK IN C7 AND/OR C8, ASK C9.	How long did you take it?	How often did you use (REMEDY)? SEE SPECIAL CODES IN APPENDIX
SPECIFY HERBAL OR FOLK REMEDY			DURATION	FREQUENCY
1 ASK C7-C10	MM DD YYYY	MM DD YYYY	DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY
RF SKIP TO DT			WONTH(O)	PER YEAR4
2 ASK C7-C10 RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
3 ASK C7-C10 RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
4 ASK C7-C10 RF SKIP TO D1	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
5 ASK C7-C10 RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
6 ASK C7-C10 RF SKIP TO D1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

SECTION D: PRENATAL VITAMINS

D1.	From 3 months before you became pregnant,
	which would be (B3), to the end of your
	pregnancy, did you take any prenatal vitamins,
	which are special vitamin supplements
	sometimes taken by pregnant women or women
	trying to get pregnant?

YES		1
OV	(SKIP TO D7)	2
	(SKIP TO D7)	

FOR EACH VITAMIN ASK D2 TO D6. IF YOU GET EXACT DATES IN D3 **AND** D4, SKIP D5. IF GET PARTIAL DATES OR DK IN D3 **AND/OR** D4, ASK D5.

D2.	D3.	D4.	D5.	D6.
What did you take? / Anything else? PROBE WITH LIST BELOW. LIST ALL.	During this time period, when did you start using (PRENATAL VITAMIN)?	When did you stop using (PRENATAL VITAMIN)? OR ASK D5	How long did you take it?	How often did you use the prenatal vitamin? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
1ASK D3-D6 RF SKIP TO D7	MM DD YYYY DK	MM DD YYYY DK	DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY
2 ASK D3-D6 RF SKIP TO D7	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
3	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

PROBE FOR D2:

IF CANNOT RECALL, READ LIST: Was it (READ LIST)?

Duet by Stuart Natal Materna (new form 97)

Natafort

Prenate Advance

Prenate GT

Prenate 90

Prenate Ultra

Spring Valley Prenatal (New)

Stuartnatal Plus 3

Stuartnatal Plus w/ 27 mg iron

Ultra Natal Care

Prenatal Vitamin (NOS)

MULTIVITAMINS

D7.	Other than prenatal vitamins, from 3 months before you
	became pregnant to the end of your pregnancy, did
	you take any multivitamins or vitamin complexes?

YES		
NO	(SKIP TO D13) 2	
DK	(SKIP TO D13)1	

FOR EACH VITAMIN ASK D9 TO D12. IF GET EXACT DATES IN D9 **AND** D10, SKIP D11. IF GET PARTIAL DATES OR DK IN D9 **AND/OR** D10, ASK D11.

D8.	D9.	D10.	D11.	D12.
What did you take? PROBE: Anything else? Do you remember the brand name?	During this time period, when did you start using (VITAMIN)?	When did you stop using (VITAMIN)? OR ASK D11	How long did you take it?	How often did you use the vitamin? SEE SPECIAL CODES IN APPENDIX
LIST ALL.			DURATION	FREQUENCY
1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
2	MM DD YYYY DK	MM DD YYYY DK	DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY
3	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

SINGLE VITAMINS

D13. Now I want to ask you about some single vitamins and minerals. From 3 months before you became pregnant to the end of your pregnancy, did you take any of the following single vitamins or minerals?

READ ALL	YES	NO	DK
a. Vitamin A	1	2	-1
b. Retinol	1	2	-1
c. Beta carotene	1	2	-1
d. B complexes	1	2	-1
e. B6	1	2	-1
f. B12	1	2	-1
g. Folic acid	1	2	-1
h. Vitamin C	1	2	-1
i. Vitamin D	1	2	-1
j. Vitamin E	1	2	-1
k. Iron	1	2	-1
I. Calcium	1	2	-1
m. Zinc	1	2	-1
n. Selenium	1	2	-1

FOR EACH YES, ASK D14-D17. IF ALL NO OR DK, SKIP TO D18.

FOR EACH VITAMIN ASK D14 TO D17. IF GET EXACT DATES IN D14 **AND** D15, SKIP D16. IF GET PARTIAL DATES OR DK IN D14 **AND/OR** D15, ASK D16.

	D14.	D15.	D16.	D17.
	During this time period, when did you start using (VITAMIN)?	nen did you start using (VITAMIN)?		How often did you use the vitamin? SEE SPECIAL CODES IN APPENDIX
			DURATION	FREQUENCY
1FIRST VITAMIN	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
2SECOND VITAMIN	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY
3THIRD VITAMIN	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY
4FOURTH VITAMIN	MM DD YYYY	MM DD YYYY	DAY(S)	PER DAY

OTHER VITAMINS, MINERALS

D18. From 3 months before you became pregnant to the end of your pregnancy, did you take any other vitamins, minerals, amino acids, antioxidants, or other nutrients that we haven't already talked about?

YES		١
NO	(SKIP TO D24)	2
	SKIP TO D24)	

FOR EACH PRODUCT, ASK D20 TO D23. IF GET EXACT DATES IN D20 **AND** D21, SKIP D22. IF GET PARTIAL DATES OR DK IN D20 **AND/OR** D21, ASK D22.

D19.	D20.	D21.	D22.	D23.
What did you take? PROBE: Anything else? LIST ALL.	During this time period, when did you start using (VITAMIN)?	When did you stop using (VITAMIN)? OR ASK D22	How long did you take it?	How often did you use the supplement? SEE SPECIAL CODES IN APPENDIX.
			DURATION	FREQUENCY
1	MM DD YYYY DK	MM DD YYYY DK	DAY(S)1 WEEK(S)2 MONTH(S)3	PER DAY
2	MM DD YYYY	MM DD YYYY DK	DAY(S)	PER DAY
3	MM DD YYYY DK	MM DD YYYY DK	DAY(S)	PER DAY

SUPPLEMENTS-(CEREALS)

D24. From 3 months before you became pregnant to the end of your pregnancy, did you eat cereal?

YES		1
NO	(SKIP TO D28)	2

FOR EACH CEREAL, ASK D26 AND D27.

D25.		D2	6		D27.
What were the names of the cereals you ate most often between (B3) and ([DOIB]/[DOPT])? / Anything else? LIST ALL. USE RESPONSE OPTIONS IN CATI OR APPENDIX TO PROBE.	D26. Which months did you eat (CEREAL)?			eat	How often, on average, did you eat (CEREAL) during that time? You may use the food frequency choices list which was sent to you in the mail to help you respond to
					this question.
	MO	YES	NO	DK	
1	В3	1	2	-1	NEVER OR < ONCE PER MONTH0 1 PER MONTH1M
DK ASK D26 & D27	B2	1	2	-1	2 PER MONTH
RF SKIP TO D28	B1	1	2	-1	1 PER WEEK1W 2 PER WEEK2W
OTHER ASK D26 & D27	P1	1	2	-1	3 PER WEEK3W 4 PER WEEK4W 5 PER WEEK5W
	P2	1	2	-1	6 PER WEEK
	Р3	1	2	-1	2 PER DAY
	T2	1	2	-1	5 PER DAY
	Т3	1	2	-1	DK1 RF2
2	В3	1	2	-1	NEVER OR < ONCE PER MONTH0 1 PER MONTH1M
DK ASK D26 & D27	B2	1	2	-1	2 PER MONTH
RF SKIP TO D28 OTHER ASK D26 & D27	B1	1	2	-1	1 PER WEEK
OTHER ASK D26 & D27	P1	1	2	-1	4 PER WEEK
	P2	1	2	-1	6 PER WEEK
	P3	1	2	-1	2 PER DAY
	T2	1	2	-1	5 PER DAY
	Т3	1	2	-1	DK1 RF2

SUPPLEMENTS-(FOOD)

D28.	Now, I'd like to ask you about food supplements,
	which includes power and energy bars, and
	products mixed into drinks, like Slim Fast, Instant
	Breakfast, protein powder, or Brewer's yeast. From
	3 months before you became pregnant to the end
	of your pregnancy, did you eat or drink any food
	supplements?

YES		1
NO	(SKIP TO D32)	2
DK	(SKIP TO D32)	1

D29. What was the name of the food supplement?/ Anything else? USE RESPONSE OPTIONS TO PROBE.

Brewer's Yeast Luna B Carnation Instant Breakfast Myople	Breakfast ar	e	Nu Ov Pro Sha	stle's Sweet triment altine otein Powde aklee Instan n-Fast Bars	Soy Protein NOS Spiru-tein r NOS Wheat Germ tt Protein Whey Protein NOS
FOR EACH SUPPLEMENT, ASK D30 AND D31.	(FOOD	D3 month(s) SUPPLEM	did you u IENT)?		D31. How often, on average, did you use (FOOD SUPPLEMENT) during that time? You may use the food frequency choices list which was sent to you in the mail to help you respond to this question.
	MO	YES	NO	DK	
1	В3	1	2	-1 -1	NEVER OR < ONCE PER MONTH
DK ASK D30 & D31	B2 B1	1	2	-1 -1	3 PER MONTH
RF SKIP TO D32 OTHER ASK D30 & D31	P1	1	2	-1	3 PER WEEK
	P2	1	2	-1	6 PER WEEK
	P3	1	2	-1	3 PER DAY
	T2 T3	1	2	-1 -1	6+ PER DAY6D DK1
	13	'	2	-1	RF2
2.	В3	1	2	-1	NEVER OR < ONCE PER MONTH0 1 PER MONTH1M
DK ASK D30 & D31	B2	1	2	-1	2 PER MONTH
RF SKIP TO D32	B1	1	2	-1	2 PER WEEK
OTHER ASK D30 & D31	P1	1	2	-1	4 PER WEEK
	P2	1	2	-1	6 PER WEEK
	Р3	1	2	-1	3 PER DAY
	T2	1	2	-1	5 PER DAY
	Т3	1	2	-1	RF -2

DIETARY ASSESSMENT-INTRODUCTION

Next I will read a list of food items, and for each one I would like to know how often you ate that food on average during the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy). You may use the list of Food Frequency Choices that was sent to you in the mail to help you answer these questions. You do not have to remember exactly what you ate, we are only trying to determine what your usual diet was like <u>before</u> you were pregnant. For seasonal foods, such as fruits and vegetables, you can average over the six months prior to pregnancy. For foods that you ate less than once a month, you can report as never or none.

D32. How often, on average, did you use (READ LIST)?

		0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
		OR < 1 PER	1 PER	2 PER	3 PER	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER	5 PER	6 PER WEEK	1 PER	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER	DE	DIK
		MONTH	MONTH	MONTH	MONTH	WEEK	WEEK	WEEK	WEEK	WEEK	WEEK	DAY	DAY	DAY	DAY	DAY	DAY	RF	DK
a.	Skim or lowfat milk (8 oz glass)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
b.	Whole milk (8 oz glass)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
c.	Yogurt (1cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
d.	Soy milk or soy yogurt (8 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
e.	Ice cream(1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
f.	Cottage or Ricotta cheese (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
g.	Other cheese e.g., American, cheddar, etc., plain or part of a dish (1 slice or 1 oz serving)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
h.	Margarine (pat), added to food or bread; exclude use in cooking	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
i.	Butter (pat), added to food or bread; exclude use in cooking	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
j.	Fresh apples or pears (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
			And	again, in	the year l	•		•			•								
k.	Oranges (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
l.	Orange juice (small glass)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
m.	Hawaiian Punch, lemonade, or other fruit drinks (small glass)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
n.	Peaches, apricots, plums, or nectarines (1 fresh or ½ cup canned)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
0.	Bananas (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
p.	Cantaloupe (1/4 melon)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
q.	Avocado (1) or guacamole (1 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
r.	Other fruits fresh, frozen, or canned (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
s.	Tomatoes (1) or tomato juice (small glass)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

D32. How often, on average, did you use (READ LIST)?

		0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
		OR < 1 PER MONTH	1 PER MONTH	2 PER MONTH	3 PER MONTH	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER WEEK	5 PER WEEK	6 PER WEEK	1 PER DAY	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER DAY	RF	DK
t.	String beans (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
u.	Broccoli (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
v.	Cabbage, cauliflower, or brussel sprouts (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
W.	Carrots, raw (1/2 carrot or 2-4 sticks)													_			_		
		0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
X.	Carrots, cooked (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
у.	Corn (1 ear or ½ cup frozen, canned)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	1
z.	Peas or lima beans (1/2 cup frozen,	U	IIVI	ZIVI	SIVI	1 V V	Z V V	300	400	300	OVV	טו	20	30	40	30	OD	-2	-1
۷.	canned)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
aa.	Yams or sweet potatoes (1/2 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
bb.	Spinach or collard greens, cooked (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
CC.		0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
dd.	Beans or lentils, baked or dried (1/2																		
	cup)	0	1M	2M	3M the year b	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
00	Squash (1/2 cup)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ee.		0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2 -2	-1
tt.	Raw Chile peppers, Jalapeño (1)		1M	2M	3M	1W	2W	3W	4W	5W		1D	2D	3D	4D	5D		-2 -2	-1
gg.	Salsa (1 cup) (fruit or tomato)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W 6W	1D	2D	3D	4D 4D	5D	6D 6D	-2 -2	-1
hh.	55 ()	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2 -2	-1
ii1.	, , ,	U	IIVI	ZIVI	SIVI	IVV	ZVV	300	400	SVV	OVV	טו	20	30	4D	อบ	עס	-2	- 1
ii2.	Chicken or Turkey without skin (4-6 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
jj.	Bacon (2 slices)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
kk.		0	1M	2M	зМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
II.	Processed meats, e.g. sausage, salami, bologna, chorizo, etc. (piece	0	4.0.4	014	214	410/	OW	214/	4)0/	5 \ 1 \ 1	CIM	10	OD	20	4D	50	CD	0	4
	or slice).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
	n. Liver (3-4 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
nn.	Chicken livers (1 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

D32. How often, on average, did you use (READ LIST)?

	0 NEVER	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
	OR < 1 PER MONTH	1 PER MONTH	2 PER MONTH	3 PER MONTH	1 PER WEEK	2 PER WEEK	3 PER WEEK	4 PER WEEK	5 PER WEEK	6 PER WEEK	1 PER DAY	2 PER DAY	3 PER DAY	4 PER DAY	5 PER DAY	6+ PER DAY	RF	DK
oo. Organ meats Barbacoa, Menudo, sweetbreads, tongue, intestines (3-4																		
oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
pp. Hamburger (1 patty)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
qq. Beef, pork, lamb or cabrito as a sandwich or mixed dish, e.g. stew, casserole, lasagna, etc	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
rr. Beef, pork, lamb or cabrito as a main dish, e.g. steak, roast, ham, etc. (4-6 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ss. Fish (3-5 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
tt. Tofu, tempeh or soy burgers (4 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
uu. Chocolate (1 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
vv. Candy without chocolate (1 oz).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ww. Pie (slice)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
,		And a	again, in	the year	before yo	ur pregna	ancy, hov	w often o	on averaç	ge did yo	u use							
xx. Cake (slice) or donut (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
yy. Cookies (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
zz. White bread (slice), including pita bread, bagels and crackers	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
aaa. Biscuits, scones, croissants and muffins (1)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
bbb. Dark bread (slice) including wheat pita bread	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ccc. French fried potatoes (4 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ddd. Potatoes baked, boiled (1) or mashed	O	IIVI	ZIVI	SIVI	1 V V	Z V V	300	-+ V V	JVV	OVV	וטו	20	30	40	30	OD	-2	-1
(1 cup)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
eee. Rice or pasta e.g. Spanish rice, spaghetti, noodles, etc. (1 cup).	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
fff. Tortilla (1)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
ggg. Potato chips or corn chips (small bag or 1 oz)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
hhh. Nuts (small packet or 1 oz)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
iii. Peanut butter (1tbs)	0	1M	2M	3M	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1
jjj. Oil and vinegar dressing e.g., Italian (1 tbs)	0	1M	2M	ЗМ	1W	2W	3W	4W	5W	6W	1D	2D	3D	4D	5D	6D	-2	-1

We have just a few more dietary questions about your average habits during the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy).

D33.	How many teaspoons of sugar did you add to your beverages (including tea and coffee) and foods (including cereal and fruit) in total per day?	# OF TEASPOONS	
D34.	How much of the visible fat on your beef, pork or lamb was removed before eating? Would you say	All visible fat removed	2 3
	READ CHOICES.	Don't eat meat	1
D35.	What kind of fat did you usually use for frying and sautéing at home? Exclude "Pam" type spray. READ CHOICES. SELECT ONE. PROBE: Which did you use most often or most of?	Real butter (light butter)	
D36.	What kind of fat did you usually use for baking at home? READ CHOICES. SELECT ONE.	Real butter (light butter) Margarine Vegetable oil (olive oil, canola oil) Vegetable shortening Lard NA DK RF	
D37.	How often did you eat food that is fried at home? Exclude "Pam" type spray. READ CHOICES.	Never or less than once per week	02 03 04 1
D38.	How often did you eat fried food away from home? (e.g. French fries, fried chicken, fried fish, fried tortilla chips) READ CHOICES.	Never or less than once per week	02 03 04
D39a.	What type of cooking oil did you usually use at home (e.g. Corn Oil)? (Which did you use the most?) PROBE: Some companies sell many types of oil, such as corn, canola, soybean or olive. What type of [brand name] oil did you use?	SPECIFY TYPE: NONE	DK RF
	PROMPT: Only include oils, not fats, such as butter or lard. PROMPT: During the year before you became pregnant		

CAFFEINE

The next questions are about caffeine. We will be asking you about your average use of coffee, tea and soda during th
year before you became pregnant with ([NOIB]/this pregnancy), and during your first trimester. You may use the list of
food frequency choices again.

D40.	During the year before you became	NEVER OR < ONCE PER MONTH	0
D 101	pregnant with ([NOIB]/this pregnancy),	1 PER MONTH	1M
		2 PER MONTH	2M
	how many cups of caffeinated or regular	3 PER MONTH	3M
	coffee, hot or iced, did you usually drink?	1 PER WEEK	1W
		2 PER WEEK	2W
	GITTIC:	3 PER WEEK	3W
		4 PER WEEK	4W
		5 PER WEEK	5W
		6 PER WEEK	6W
		1 PER DAY	1D
		2 PER DAY	2D
		3 PER DAY	3D
		4 PER DAY	4D
		5 PER DAY	5D
		6+ PER DAY	6D
		DK	1
		RF	2
		NEVER OR CHOSE REPLYONER	
D41.	During the <u>first trimester</u> , how many	NEVER OR < ONCE PER MONTH	
	cups of caffeinated or regular coffee,	1 PER MONTH	
	hot or iced, did you usually drink?	2 PER MONTH	
	not or loca, and you askally arring:	3 PER MONTH	•••••
		1 PER WEEK	
		2 PER WEEK	
		3 PER WEEK	
		4 PER WEEK	
		5 PER WEEK	
		6 PER WEEK	• • • • • • • • • • • • • • • • • • • •
		1 PER DAY	
		2 PER DAY	
		3 PER DAY	
		4 PER DAY	
		5 PER DAY	
		6+ PER DAY	6D

(IF BOTH D40 AND D41 = NEVER, RF OR DK, SKIP TO D43)

D42. What size cup did you usually have for your coffee? Was it small, medium, large or extra large?

SMALL (< 8 OUNCE, TEACUP)	1
MEDIUM (8 OUNCES TO LESS THAN 12 OUNCES, MEDIUM MUG).	2
LARGE (12 OUNCE, LARGE MUG)	3
EXTRA LARGE (> 12 OUNCE, LARGE TAKE-OUT)	4
DK	
RF	2

D43.	During the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy), how many cups or glasses of caffeinated tea, hot or iced, did you usually drink?	NEVER OR < ONCE PER MONTH 1 PER MONTH 2 PER MONTH 3 PER MONTH 1 PER WEEK 2 PER WEEK 3 PER WEEK 4 PER WEEK 5 PER WEEK 6 PER WEEK 1 PER DAY 2 PER DAY 3 PER DAY 5 PER DAY 6 PER DAY 5 PER DAY 5 PER DAY 6 PER DAY CONTRACTOR OF THE MONTH DK	
D44.	During the <u>first trimester</u> , how many cups or glasses of caffeinated tea, hot or iced, did you usually drink?	NEVER OR < ONCE PER MONTH 1 PER MONTH 2 PER MONTH 3 PER MONTH 1 PER WEEK 2 PER WEEK 4 PER WEEK 5 PER WEEK 6 PER WEEK 1 PER DAY 2 PER DAY 4 PER DAY 5 PER DAY 6+ PER DAY DK. RF.	
D45.	During the <u>year before</u> you became pregnant with ([NOIB]/this pregnancy), and during the first trimester, did you drink sodas or soft drinks?	YES(SKIP TO SECTION E DK(SKIP TO SECTION E	2

FOR EVERY BRAND ANSWERED IN D46, ASK D47 - D50:

7 up = 01 A&W cream soda = 02 A&W root beer = 03 After the Fall spritzers = 04 Barq's root beer = 05 Black cherry soda = 06 Cheerwine = 07 Cherry 7-up = 08 Cherry coke = 09 Cherry soda = 10 Clearly Canadian = 11 Club soda = 12 Coke = 13 Cola , NOS = 14 Cranberry ginger ale = 15 Cream soda, NOS = 16 Diet Rite cola = 17 Diet Rite (fruit flavors) = 18 Dr. Brown's(all flavors) = 19	Fanta (all flavors) = 21 Fresca = 22 Ginger ale = 23 Ginger beer soda, NOS = 24 Grapefruit soda, NOS = 25 Hires root beer = 26 IBC black cherry = 27 IBC cherry cola = 28 IBC cream soda = 29 IBC root beer = 30 Jarritos sodas (all flavors) = 31 Jolt cola = 32 Josta = 33 Knudsen sparkling juices = 34 Lemon/lime soda, NOS = 35 Mellow Yellow = 36 Mountain Dew = 37 Mr. Pibb = 38 Nugrape = 39	Orange soda, NOS = 41 Pepsi = 42 Quinine water = 43 RC Cola = 44 Root beer, NOS = 45 Sierra Mist = 181 Slice = 46 Sparkling water flavors = 47 Sprite = 48 Squirt (both flavors) = 49 Strawberry soda = 50 Sun-Drop = 51 Sunkist fruit punch = 52 Sunkist orange = 53 Surge = 54 Tab = 55 Tahitian Treat = 56 Tonic water = 57 Wild cherry Pepsi = 58
Dr. Brown's(all flavors) = 19 Dr. Pepper = 20	Nugrape = 39 Orange Crush = 40	Wild cherry Pepsi = 58 Wink = 59 Yoohoo Chocolate = 60 Other, specify = -5

	D46.	D47.	D48.	D49.	D50.
	What brand(s) or types did you usually drink?/Anything else?	Was (BRAND) diet?	Was (BRAND) caffeine free?	How many 12 ounce (cans/glasses/bottles) of (BRAND) did you usually drink in the year <u>before</u> you became pregnant with ([NOIB]/this pregnancy)?	During the first trimester, how many 12 ounce (cans/glasses/bottles) of (BRAND) did you usually drink?
	LIST ALL. USE PREC	ODED SODA LIST	TTO PROBE.		
Α.	DK ASK D47-D50 RF SKIP TO E1	YES	YES	NEVER OR LESS THAN 1 PER MONTH 0 1 PER MONTH 1M 2 PER MONTH 3M 3 PER MONTH 3M 1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W 1 PER DAY 1D 2 PER DAY 3D 4 PER DAY 4D 5 PER DAY 5D 6+ PER DAY 6D DK -1 RF -2	NEVER OR LESS THAN 1 PER MONTH
В.	DK ASK D47-D50 RF SKIP TO E1	YES	YES	NEVER OR LESS THAN 1 PER MONTH 0 1 PER MONTH 1M 2 PER MONTH 2M 3 PER MONTH 3M 1 PER WEEK 1W 2 PER WEEK 2W 3 PER WEEK 3W 4 PER WEEK 4W 5 PER WEEK 5W 6 PER WEEK 6W 1 PER DAY 1D 2 PER DAY 3D 4 PER DAY 4D 5 PER DAY 5D 6+ PER DAY 6D DK -1 RF -2	NEVER OR LESS THAN 1 PER MONTH
C.	DK ASK D47-D50 RF SKIP TO E1	YES	YES1 NO2 DK1	NEVER OR LESS THAN 1 PER MONTH 0 1 PER MONTH 1 M 2 PER MONTH 2 M 3 PER MONTH 3 M 1 PER WEEK 1 W 2 PER WEEK 2 W 3 PER WEEK 3 W 4 PER WEEK 4 W 5 PER WEEK 5 W 6 PER WEEK 6 W 1 PER DAY 1 D 2 PER DAY 2 D 3 PER DAY 4 D 5 PER DAY 5 D 6+ PER DAY 6 D DK -1 RF -2	NEVER OR LESS THAN 1 PER MONTH 0 1 PER MONTH 1 M 2 PER MONTH 2 M 3 PER MONTH 3 M 1 PER WEEK 1 W 2 PER WEEK 2 W 3 PER WEEK 3 W 4 PER WEEK 4 W 5 PER WEEK 5 W 6 PER WEEK 6 W 1 PER DAY 1 D 2 PER DAY 2 D 3 PER DAY 3 D 4 PER DAY 4 D 5 PER DAY 5 D 6+ PER DAY 6 D DK -1 RF -2

SECTION E: STRESS

The next series of questions will be about events that may have occurred in your life from 3 months before you became pregnant through your 3rd month of pregnancy, which would be (B3) through (P3). Most people experience periods of stress in their lives, caused by major events and daily life. We will be asking whether or not an event happened during that time period, but we will not be asking for further details.

E1.	From 3 months before you became pregnant through your 3 rd month of pregnancy, did you experience any serious relationship difficulties with your husband or partner or become separated or divorced?	YES NO DK RF -1
E2.	During this same time period, did you or your husband or partner have any serious legal or financial problems?	YES
E3.	During this same time period, were you or someone close to you a victim of abuse, violence, or crime? Remember, you just have to indicate yes or no.	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	
E4.	During this same time period, did you or someone close to you have a serious illness or injury?	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	RF
E5.	During this same time period, did someone close to you die?	YES
	MOTHER MUST USE HER OWN JUDGEMENT ON WHAT SHE THINKS IS MEANT BY "SOMEONE CLOSE TO YOU".	RF
E6.	During this same time period, could you count on anyone to provide you with emotional support such as talking over a problem or helping with a difficult decision, if you had needed it?	YES
E7.	During this same time period, could you count on anyone to provide you with help financially such as paying bills or providing food or clothes, if you had needed it?	YES
E8.	During this same time period, could you count on anyone to provide you with help with daily tasks such as grocery shopping, child care, or cooking, if you had needed it?	YES
E9.	During this same time period, how often did you feel nervous and stressed? Would you sayREAD CHOICES	Never

SECTION F: TOBACCO-MOTHER

F1.	The next questions are about tobacco use. Did you ever smoke cigarettes?	YES
F2.	From 3 months before you became pregnant to the end of your pregnancy, did you smoke cigarettes?	YES
	(CONTINUED ON NEVT DAGE)	

(CONTINUED ON NEXT PAGE)

F3. During which months did you smoke?
CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

				F4.	
				During (SPECIFY MONTH) about how ma	ny
				cigarettes did you smoke a day?/Did yo	u continue
	YES			to smoke that many cigarettes through	LAST
MO	(ASK F4)	NO	DK	MONTH STATED)?	
B3	1	2	-1	<1/DAY01	
				1/DAY02 2-4/DAY03	
				½ PACK (5-14)04	DK
				1 PACK(15-24)05	
				1 ½ PACK (25-34)06 2 PACK (35-44)07	RF
				>2 PACK	
B2	1	2	-1	<1/DAY01	
				1/DAY02	
				2-4/DAY03 ½ PACK (5-14)04	DK
				1 PACK(15-24)05	
				1 ½ PACK (25-34)06	RF 🔲
				2 PACK (35-44)	" -
B1	1	2	-1	<1/DAY01	
5,	'	_		1/DAY02	
				2-4/DAY03	DK
				½ PACK (5-14)04 1 PACK(15-24)05	
				1 ½ PACK (25-34)06	RF□
				2 PACK (35-44)07	RF 🗀
D.1				>2 PACK	
P1	1	2	-1	<1/DAY01 1/DAY02	
				2-4/DAY	DK
				½ PACK (5-14)04	DK 🗀
				1 PACK(15-24)	
				2 PACK (35-44)07	RF
				>2 PACK08	
P2	1	2	-1	<1/DAY01	
				1/DAY02 2-4/DAY	
				½ PACK (5-14)04	DK
				1 PACK(15-24)05	
				1 ½ PACK (25-34)06 2 PACK (35-44)07	RF
				>2 PACK	
P3	1	2	-1	<1/DAY01	
				1/DAY02	
				2-4/DAY	DK
				1 PACK(15-24)05	
				1 ½ PACK (25-34)06	RF 🔲
				2 PACK (35-44)07 >2 PACK08	
T2	1	2	-1	<1/DAY01	
		_	•	1/DAY02	
				2-4/DAY	DK
				½ PACK (5-14)04 1 PACK(15-24)05	
				1 ½ PAČK (25-34)06	RF 🗖
				2 PACK (35-44)07	Kr 🛥
To	1	2	4	>2 PACK	
T3		2	-1	<1/DAY01 1/DAY02	
				2-4/DAY03	DK
				½ PACK (5-14)04	DIX-
				1 PACK(15-24)05 1 ½ PACK (25-34)06	
				2 PACK (35-44)07	RF
				>2 PACK08	

TOBACCO-HOUSEHOLD

F5.	Did anyone in your household smoke cigarettes in your
	home between 3 months before you became pregnant to
	the end of your pregnancy?

YES		1
NO	(SKIP TO F7)	2
	(SKIP TO F7)	

F6. During which months did someone smoke in your home?

CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

МО	YES	NO	DK
В3	1	2	-1
B2	1	2	-1
B1	1	2	-1
P1	1	2	-1
P2	1	2	-1
P3	1	2	-1
T2	1	2	-1
Т3	1	2	-1

TOBACCO-WORKPLACE

- F7. Did anyone smoke cigarettes near you at a workplace or school you may have attended during that year?
- F8. During which months did someone smoke near you at work/school?

CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.

MO	YES	NO	DK
В3	1	2	-1
B2	1	2	-1
B1	1	2	-1
P1	1	2	-1
P2	1	2	-1
P3	1	2	-1
T2	1	2	-1
Т3	1	2	-1

ALCOHOL

F9.	Now I'm going to ask you some questions about
	drinking alcoholic beverages. We define an
	alcoholic drink as one beer, one glass of wine, one
	mixed drink, or one shot of liquor. From 3 months
	before you became pregnant to the end of your
	pregnancy, did you drink any wine, beer, mixed
	drinks or shots of liquor?

YES			
NO	(SKIP	TO F15) 2
DK	(SKIP	TO F15	1 -1
RF			

F10. During which months did you drink any alcoholic beverages? CIRCLE FOR EACH MONTH. DO NOT CODE SHADED AREA.			erages? ITH. DO	F11. In the (3 rd /2 nd /1st month before pregnancy, 1 st /2 nd /3 rd month of pregnancy, 2 nd /3 rd trimester), on average, how many days [FOR T2 AND T3, ASK: days/month]did you drink alcoholic beverages?	F12. On those days that you drank alcoholic beverages, on average, how many drinks did you have per day?	F13. What was the greatest number of drinks you had on one occasion in (MONTH)?
МО	YES (ASK F11- F13)	NO (NEXT)	DK (NEXT)	# DAYS	# DRINKS	# DRINKS
В3	1	2	-1	□ DK□ RF□	LLL DK RF	LLL DK RF
B2	1	2	-1	L∐ dk□ RF□	LLL DK RF	LLL DK RF
B1	1	2	-1	L∐ DK□ RF□	LLL DK RF	LLL DK RF
P1	1	2	-1	□ DK□ RF□	LLL DK RF	LLL DK RF
P2	1	2	-1	L∐ dk□ RF□	∐ dk□ RF□	LLL DK RF
P3	1	2	-1	L∐ DK□ RF□	∐ dk□ RF□	LLL DK RF
T2	1	2	-1	L∐ dk□ RF□	LLL DK RF	LLL DK RF
Т3	1	2	-1	L∐ DK□ RF□	LLL DK RF	DK RF

F14. On the days that you drank alcohol, what type(s) of alcohol did you usually drink?

READ CHOICES.		YES	NO	DK	RF	
a.	Beer	1	2	-1	-2	
b.	Wine or wine cooler or champagne	1	2	-1	-2	
C.	Mixed drink or shot liquor	1	2	-1	-2	
d.	Other alcohol	1	2	-1	-2	
	SPECIFY:			-1	-2	

TOBACCO AND SUBSTANCE ABUSE-FATHER

IF FATHER UNKNOWN, SKIP TO F19.

SPECIFY:__

Now I'm going to ask you about some exposures that ([NOIB]'s/the) father may have had around the time you became pregnant. These include questions about smoking and recreational drug use.

	you became program. These molade questions about a	inoking and re	orcational ai	ug usc.	
F15.	At any time from 1 month before you became pregnant through the first month of your pregnancy, which would be (B1) through (P1), did ([NOIB]'s/the) biologic or natural father smoke cigarettes?	NO DK	(SKIP To	O F17) O F17) O F17)	2 1
F16.	From 1 month before you became pregnant through the first month of your pregnancy, about how many cigarettes did he smoke per day?	1/DAY	4) 4) 5-34)		
F17.	In the 3 months before pregnancy, which would be (B3) through (B1), did ([NOIB]'s/the) father use any of the following recreational or street drugs? READ CHOICES.	YES	NO	DK	RF
	a. Marijuana	1	2	-1	-2
	b. Cocaine	1	2	-1	-2
	c. Ecstasy	1	2	-1	-2
	d. Methamphetamines or crank or ice	1	2	-1	-2
	e. Anything else?	1	2	-1	-2
F18.	IF YES TO F17E: What did he use? / Anything else?				

DK

SUBSTANCE ABUSE-MOTHER

Now I would like to ask you about any recreational drugs you may have used.

F19.	From 3 months before you became pregnant to the end of your pregnancy, did you use any of the following recreational or street drugs? READ				
	CHOICES.	YES	NO	DK	RF
	a. Marijuana	1	2	-1	-2
	b. Cocaine	1	2	-1	-2
	c. Ecstasy	1	2	-1	-2
	d. Methamphetamines or crank or ice	1	2	-1	-2
	e. Anything else?	1	2	-1	-2
	IF YES TO F19E:				
F20.	What did you use? / Anything else?				
	SPECIFY:	Dk	ASK F21	& F22 RF	SKIP TO G1

	F21.				F22.
MOTHER'S RECREATIONAL/ STREET DRUG. LIST EACH "YES" FROM F19 AND F20.	Which month(s) did you take/use (SUBSTANCE)?				How often did you take/use (SUBSTANCE)?
	МО	YES	NO	DK	FREQUENCY
FIRST SUBSTANCE	В3	1	2	-1	PER DAY
	B2	1	2	-1	PER YEAR
					PER DAY
	B1	1	2	-1	L∐ DK□ RF□
					PER DAY
	P1	1	2	-1	L∐ DK□ RF□
					PER DAY
	P2	1	2	-1	L∐ DK□ RF□
					PER DAY
	P3	1	2	-1	L∐ DK□ RF□
					PER DAY
	T2	1	2	-1	L∐ DK□ RF□
					PER DAY
	Т3	1	2	-1	□□□ DK□ RF□
					PER DAY

	F21.				F22.
MOTHER'S RECREATIONAL/ STREET DRUG. LIST EACH "YES" FROM F19 AND F20.	Which month(s) did you take/use (SUBSTANCE)?				How often did you take/use (SUBSTANCE)?
	МО	YES	NO	DK	FREQUENCY
	В3	1	2	-1	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
SECOND SUBSTANCE					PER WEEK 2 PER MONTH 3 PER YEAR 4
	B2	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	B1	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	P1	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	P2	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	P3	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	T2	1	2	-1	□□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4
	Т3	1	2	-1	□□ DK□ RF□
					PER DAY 1 PER WEEK 2 PER MONTH 3 PER YEAR 4

IF MOTHER DID NOT PROVIDE DATES IN THE RESIDENCE HISTORY (A17 AND A18) THAT OVERLAP WITH THE DOC, SKIP TO SECTION H. OTHERWISE, CONTINUE.

SECTION G: WATER

These questions relate to your use of water in your place at [RESIDENCE AT DOC], where you lived at the time you got pregnant.

G1.	Did your drinking water come from your own private well or were you on a public water supply around the time you got pregnant?	PRIVATE WELL		
	WELLS CAN BE PUBLIC OR PRIVATE.	DK (SKIP TO G3) -1 RF (SKIP TO G3) -2 NA (SKIP TO G3) -10		
G2.	Was your well water chemically disinfected around the time you got pregnant?	YES		
G3.	Was your home tap water filtered? PROMPT: Around the time you got pregnant.	All drinking water was filtered		
	READ CHOICES	Some water other than drinking water was filtered4		
	CHOOSE ALL THAT APPLY.	No, none of the tap water was filtered .5 DK -1 RF -2 NA -10		
G4.	Including water used for mixed drinks such as koolaid, how many 8-oz. glasses of <u>cold</u> tap water did you drink at your home, each day, around the time you became pregnant? PROMPT: Around the time you became pregnant means the month before pregnancy through the first trimester of pregnancy.	# GLASSES		
G5.	How many 8-oz. glasses of water, heated after it comes out of the tap, such as coffee, brewed iced tea, and hot chocolate did you drink at your home, each day, around the time you got pregnant?	# GLASSES RF (DK OR RF SKIP TO G6) Per: DAY 1 WEEK 2 MONTH 3		
	Now think about when you were away from your residence.			
G6.	Around the time you became pregnant, how many 8-oz. glasses of cold and hot tap water did you usually drink each day from a tap other than at your residence?	# GLASSES		
G7.	Around the time you became pregnant, how many 8-oz. glasses of bottled water did you usually drink each day?	# GLASSES OF BOTTLED WATER		
	(ROUND 1 12-OZ. BOTTLE DOWN)	DAY		

	NOTE: RESPONSE OPTIONS FOR G8 AND G10 ARE:	1M = 1 PER MONTH 2M = 2 PER MONTH 3M = 3 PER MONTH 1W = 1 PER WEEK 2W = 2 PER WEEK 3W = 3 PER WEEK 4W = 4 PER WEEK 5W = 5 PER WEEK 6W = 6 PER WEEK 1D = 1 PER DAY 2D = 2 PER DAY 3D = 3 PER DAY 4D = 4 PER DAY 5D = 5 PER DAY 6D = 6 PER DAY 0D = 7
	Now I would like to ask you some questions about activ	ities at your home that involve water.
G8.	Around the time you got pregnant, how often did you take showers at home?	RECORD CODE
G9.	Approximately how many minutes did you shower each time?	# MINUTES SHOWERING
G10.	Around the time you got pregnant, how often did you take baths at home?	DK RF RF IF = 00, SKIP TO G12.
G11.	Approximately how many minutes did you bathe each time?	# MINUTES BATHING

G12.	From 3 months before you became pregnant to the end
	of your pregnancy, did you use a hot tub, Jacuzzi or
	sauna?

G15a.

G16.

YES		
NO	(SKIP TO H1)	2
	(SKIP TO H1)	
	(SKIP TO H1)	

IF RESPONDENT USES MORE THAN ONE OF THESE, ADD ALL TIMES IN G14, AND CALCULATE AN AVERAGE DURATION IN MINUTES FOR ALL TYPES COMBINED FOR G15.

		G13.			G14.	G15.
Durir	ng which n	nonth(s) o	did you us	se the	During (SPECIFY MONTH) how many	On average, for how many
	ub, Jacuzz				times per month did you use the hot	minutes each time?
	,				tub, Jacuzzi or sauna?	
					tub, duduzzi di duma :	
CIRC	LE FOR E	ACH MON	TH. DO N	ОТ	INDICATE # TIMES FOR EACH MONTH.	INDICATE HOW MANY
COD	E SHADED	AREA.			COMBINE ALL TYPES.	MINUTES EACH TIME.
					COMBINE ALL TITES.	WINVETED EXTOTITIVE.
MO	YES	NO	DK	RF	# TIMES	# MINUTES
	(ASK	(NEXT)	(NEXT)	(NEXT)	# THVILO	# WINVOILO
	G14-G15)					
B3	1	2	-1	-2	□□□□ DK□□ RF□□	DK RF
B2	1	2	-1	-2	DK RF	
B1	1	2	-1	-2	LLL DK RF	□ DK□ RF□
					DK RF	DK RF
P1	1	2	-1	-2		
	•	2	- 1	_	DK RF	□□□ DK□ RF□
Do	_					
P2	1	2	-1	-2	□□□ DK□ RF□	DK RF
P3	1	2	-1	-2	DK RF	│
P4	1	2	-1	-2	LL DK RF	□ DK□ RF□
					DK RF	DK RF
P5	1	2	-1	-2		
. 0		_		_	DK RF	□□□ DK□ RF□
P6	1	2	-1	-2		
FO	ı	2	-1	-2	DK RF	DK RF
P7	1	2	-1	-2	DK RF	
P8	1	2	-1	-2	LL DK□ RF□	LLL DK RF
P9	1	2	-1	-2	LLL DK RF	LL DK RF
					DK RF	DK RF
P10	1	2	-1	-2		
					DK RF	DK RF
Wł	nich one d	id vou us	e the mos	st?	HOT TUB/JACUZZI	1
	J.110 U	,			SAUNA(SKIP TO H1)2
					NEITHER – USED ABOUT S	SAME 3
					DK(SKIP TO H1)1
					RF(SKIP TO H1)2
1.4.		af tl	a4== £:	المطاهية	VES	1
	as the sou					2
tub	/Jacuzzi d	chemically	/ disinfec	ted?		1
						2

SECTION H: MOTHER'S OCCUPATION

H1.	The next section is a series of questions about your work experiences—paid, volunteer, or military service. This includes part-time and full-time jobs, jobs at home, and jobs on a farm or outside your home that lasted one month or more. From 3 months before you became pregnant to the end of your pregnancy, did you have a job?	NO DK	(SKIP TO H3)			
H2.	Were you (READ CHOICES) or did you do something else?	A student Disabled Unemployed/in between Jobs OTHER(SF	nt (SKIP TO H12)			
	SPECIFY:		DK			
H3.	What were the names of the companies or organizations / What other companies did you work for? LIST ALL EMPL STUDENT, CATI FILLS IN "SCHOOL" HERE. COMPANY/ORGANIZATION: DK ASK H4 – H11	LOYERS, INCLUDING "S				
H4.	What was your job title there? IF STUDENT, CATI FILLS IN	N "STUDENT" HERE AND	SKIPS H5 & H6.			
	JOB TITLE:		DK RF			
H5.	What did they make or do? IF CONGLOMERATE: What di	id your division make o	r do?			
	SPECIFY:					
			DK RF			
H6.	Describe what you did and how you did it. What were yo	ur main activities or du	ties? Anything else?			
	MAIN ACTIVITIES/DUTIES:					
			DK RF			
H7.	Describe any chemicals or substances you handled or mawith. Anything else?					
	CHEMICALS/SUBSTANCES/MACHINES USED:					
		NONE DK RF	IF NONE, DK OR RF, SKIP TO H8.			

H8.	What month and year did you start job/school?	that	DATE:	MM DK	YYYY DK
H9.	What month and year did you end t	hat job/school?	DATE:	MM DK ORKING = DATE OF	YYYY DK INTERVIEW
H10.	How many days per week did you use IF STUDENT: How many days per we to school?		DAYS PER WEEK	дк□	RF 🗖
H11.	How many hours per day did you u IF STUDENT: How many hours per of spend either at school or studying?	day did you	HOURS PER DAY	рк□	RF 🗖
	PAPER COPY INTERVIEWER INSTRUMENTAL AND ([DOIB]/[DOPT]), USE SUPPLEM	UCTION: IF RESPONDENT ENT SHEET FOR EACH AD	HAS HAD MORE ¹ DITIONAL JOB. (F	THAN ONE JOB BE REPEAT H3 –H11.)	TWEEN (B3)
МОТНЕ	R'S OCCUPATION-MILITARY				
H12.	Have you served in active duty in the forces since 1990?	ne U.S. armed	NO DK	(SKIP TO I1) (SKIP TO I1) (SKIP TO I1)	2 1
	H13. In which country did you serve? Any other?	H14. From which month and y		H15. nich month and ye ILL SERVING ENTER	
	A DK ASK H14 & H15 RF SKIP TO I1	FROM: MM YYYY		MM YYYYY	_
	B DK ASK H14 & H15 RF SKIP TO I1	FROM: MM YYYY	TO:	MM YYYYY	_

SECTION I: FATHER'S OCCUPATION

F FATHER UNKNOWN (CHECK HERE IF PAPER	COPY (1).	THEN SKIP TO	116.

I1.	Next I'm going to ask about ([NOIB]'s/the) father's work experiences. This includes paid, volunteer, military service, part-time and full-time jobs, jobs home, and jobs on a farm or outside his home th lasted one month or more. From 3 months before you became pregnant to the end of your pregnancy, did ([NOIB]'s/the) father have a job?	or NO
I2.	Was he (READ CHOICES) or did he do something else?	A homemaker/parent (SKIP TO I12)
	SPECIFY:	
13.	What other companies did he work for? LIST ALL CATI FILLS IN SCHOOL HERE. COMPANY/ORGANIZATION:	nizations he worked for between (B3) and ([DOIB]/[DOPT])? / EMPLOYERS, INCLUDING "SELF-EMPLOYED." IF STUDENT,
	DK ASK 14 -	- I11 RF SKIP TO I12
14.	What was his job title there? IF STUDENT, CATI F	
	JOB TITLE:	DK RF
15.	What did they make or do? (IF CONGLOMERATE:	
		_DK□ RF□
16.	Describe what he did and how he did it. What we	
		_DK \ RF
17.	Describe any chemicals or substances he handle with. Anything else?	ed or machines that he used or worked in the same room
	CHEMICALS/SUBSTANCES/MACHINES USED:	
		NONE \square DK \square RF \square IF NONE, DK OR RF, SKIP TO 18.

I8.	What month and year did he start that job/school?			MM YYYY DK DK
19.	What month and year did he	end that job/school?	DATE:	MM YYYY
			CURRENT	DK D DK DLY WORKING = DATE OF INTERVIEW
I10.	How many days per week did IF STUDENT: How many days school?		DAYS PER	DK RF
I11.	How many hours per day did IF STUDENT: How many hours spend either at school or stud	s per day did he	HOURS PE	DK RF
	APER COPY INTERVIEWER INS DOIB]/[DOPT]), USE SUPPLEMEN			THAN ONE JOB BETWEEN (B3) AND REPEAT I3 – I11.)
FATHE	R'S OCCUPATION-MILITAR	Y		
l12.	Has ([NOIB]'s/the) father serv the U.S. armed forces since 1		NO	(SKIP TO I16)
	I13.	I14.		I15.
	which country did he serve?	From which month and y	ear?	To which month and year? (IF STILL SERVING ENTER CURRENT DATE)
Α.	DK ASK 114 & 115 RF SKIP TO 116	FROM: MM YYYYY DK DK DK		TO: MM YYYY DK DK DK
В.	DK ASK 114 & 115 RF SKIP TO 116	FROM: MM YYYYY DK DK DK		TO: MM YYYY DK DK
occi	JPATION—PESTICIDES			
I16.	From 3 months before you be end of your pregnancy, did ar household apply pesticides a part of their work?	nyone in your	NO	
I17.	How many times per day, we personally wash clothes that pesticide mixing or application in clothes that may have gotte from spills or drift during spra	had been worn during n? We are interested en pesticide on them	PER WEEK PER MONTH PER YEAR OTHER DK	DK NEVER = 00 1 2 3 4 (SPECIFY) -5 -1 -2 DK

SECTION P: PHYSICAL ACTIVITY QUESTIONNAIRE

grooming, feeding, or occasional lifting.

I am going to ask you about the time you spent being physically active in the three months before you became pregnant. Please answer each question even if you do not consider yourself to be an active person. Think about the activities you do at work, as part of your house and yard work, to get from place to place, and in your spare time for recreation, exercise or sport.

Now, think about all the vigorous activities which take hard physical effort that you did in the three months before you became pregnant. Vigorous activities make you breathe much harder than normal and may include heavy lifting, digging, aerobics, running, or fast bicycling. Think only about those physical activities that you did for at least 10 minutes at a time.

P1.	During the three months before you became pregnant, in a typical week on how many days did you do vigorous physical activities? PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	DAYS PER WEEK
P2.	How much time did you usually spend doing vigorous physical activities on one of those days? PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	HOURS PER DAY
		In the three months before you became pregnant, how much time in total would you spend in a typical week doing vigorous physical activities?
		HOURS PER WEEK
		DON'T KNOW/NOT SURE
pregi stand	think about activities which take <i>moderate physical effort</i> the nant. Moderate physical activities make you breathe some ding, carrying light loads at home or work, scrubbing or morning. Again, think about only those physical activities that you	what harder than normal and may include <u>child care while</u> pring floors, or bicycling at a regular pace. Do not include
P3.	During the three months before you became pregnant, in a typical week on how many days did you do moderate physical activities?	DAYS PER WEEK
	PROBE: Think only about those physical activities that you do for at least 10 minutes at a time.	DON'T KNOW/NOT SURE1 REFUSED2
	PROBE: Child care includes dressing, bathing,	IF 0, DK, OR RF, SKIP TO P5

Now th work a recreate specific point of the	How much time did you usually spend doing moderate physical activities on one of those days?	HOURS PER DAYRANGE: 0-16			
	PROBE: Think only about those physical activities	MINUTES PER DAYRANGE: 0-960			
	that you do for at least 10 minutes at a time.	OR			
		In the three months before you pregnant, what is the total amo spent in a typical week doing methods activities?	unt of time you		
		HOURS PER WEEK			
		RANGE: 0-112			
		MINUTES PER WEEKRANGE: 0-6720			
		DON'T KNOW/NOT SUREREFUSED			
work	think about the time you spent walking in the three mont and at home, walking to travel from place to place, and eation, sport, exercise, or leisure.				
P5.	During the three months before you became pregnant, in a typical week on how many days did you walk for at least 10 minutes at a time?	DAYS PER WEEKRANGE: 0-7			
	PROBE: Think only about the walking that you do for at least 10 minutes at a time.	DON'T KNOW/NOT SUREREFUSED			
		IF 0, DK, OR RF, SKIP TO P7			
P6.	How much time did you usually spend walking on one of those days?	HOURS PER DAYRANGE: 0-16 MINUTES PER DAYRANGE: 0-960	1 1 1 1		
		OR			
		In the three months before you pregnant, what is the total amo spent walking in a typical week	unt of time you		
		HOURS PER WEEKRANGE: 0-112			
		MINUTES PER WEEKRANGE: 0-6720			
		DON'T KNOW/NOT SURE			

Now think about the time you spent sitting on week days in the three months before you became pregnant. Include time spent at work, at home, while doing course work, and during leisure time. This may include time spent sitting at a desk, visiting friends, reading or sitting or lying down to watch television.

P7.	In the three months before you became pregnant, in a typical week, how much time did you usually spend sitting on a week day? PROBE: Include time spent lying down (awake) as well as sitting.	HOURS PER DAYRANGE: 0-16 MINUTES PER DAY RANGE: 0-960 OR]	
		What is the total amount of time you spent sitting on a typical Wednesday?			
		HOURS ON WEDNESDAYRANGE: 0-16 MINUTES ON WEDNESDAYRANGE: 0-960			
		DON'T KNOW/NOT SUREREFUSED			

SECTION J: FAMILY DEMOGRAPHICS-MOTHER

Now I	will be	asking	about	vour	ethnic	backa	round	and	education	

J1.	Were you born in the U.S.?	YES	2 FO J3)1
J2.	Where were you born?		
	SPECIFY:		pk
	J2a. How many years have you lived in the U.S.?	YEARS	
J3.	What language do you usually speak at home?		
	SPECIFY LANGUAGE:		
J4.	What is your race or ethnic group? I'm going to read you a list and then please tell me all categories that apply to you. You can select more than one category. SKIP PATTERNS DEPENDENT ON MULTIPLE CHOICES. FOR EXAMPLE, "BLACK" WON'T SKIP TO J6 IF ALSO ANSWERED ASIAN OR HISPANIC. J4a. What country? PROMPT: Referring to Asian, Native (SKIP TO J6 UNLESS J4 ALSO = 4 OR 6)	American Indian or Alaska Native	(ASK J4a)
	J4b. What tribe do you consider yourself a member of?		DK
	(SKIP TO J6 UNLESS J4 ALSO = 6)		DR
J5.	Which Hispanic or Spanish group do you consider your Rican, Salvadoran, Honduran, Colombian, Peruvian, Gamerican, etc? SPECIFY:		
J6.	What was the highest grade or year of school or college that you had completed (at the time [NOIB] was born/by [DOPT])? IF RESPONDENT HESITATES, BEGIN READING CATEGORIES.	No formal schooling	
		Completed technical college 4 years college or Bachelor's of Master's degree	degree

FAMILY DEMOGRAPHICS-FATHER

IF FATHER UNKNOWN, SKIP TO J14	t.
The next few questions are about (([NOIB]'s/the) biologic or natural father.

J7.	Was he born in the U.S.?	YES(SKIP TO J9) NO DK(SKIP TO J9)	2
J8.	Where was he born?		
	SPECIFY:		DK
	J8a. How many years has he lived in the U.S.?	YEARS	LLL DK
J9.	What is his race or ethnic group? I'm going to read you a list and then please tell me all categories that apply to him. You can select more than one category. SKIP PATTERNS DEPENDENT ON MULTIPLE CHOICES. FOR EXAMPLE, "BLACK" WON'T SKIP TO J11 IF ALSO ANSWERED ASIAN OR HISPANIC.	American Indian or Alaska Native	K J9a)
	J9a. What country? PROMPT: Referring to Asian, Nativ	re Hawaiian or other Pacific Island co	ountries.
	(SKIP TO J11 UNLESS J9 ALSO = 4 OR 6)		
	J9b. What tribe does he consider himself a member of	?	DK
	(SKIP TO J11 UNLESS J9 ALSO = 6)		
J10.	Which Hispanic or Spanish group does he consider his Rican, Salvadoran, Honduran, Colombian, Peruvian, Gamerican, etc?		
	SPECIFY:		DK
J11.	What was the highest grade or year of school or college that he had completed (at the time [NOIB] was born/by [DOPT])?	No formal schooling	02 03 04
	IF RESPONDENT HESITATES, BEGIN READING CATEGORIES.	1-3 years college	

FAMILY INFORMATION

J12.	Are you related to ([NOIB]'s/the) biologic or natural father by blood?	YES	2 1
J13.	What is/was your blood relationship to him?	1 ST COUSIN	
		SPECIFY:	bk
J14.	Did you have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1
	J14a. What was it?/Anything else?	PROBLEM:	DK
J15.	IF FATHER UNKNOWN, SKIP TO J16.		
	Did ([NOIB]'s/the) biologic or natural father have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1
	J15a. What was it?/Anything else?	PROBLEM:	DK
J16.	Did any of ([NOIB]'s/the) grandparents, uncles, aunts, cousins, half brothers or half sisters or younger brothers or sisters have a health problem at birth or a birth defect that was diagnosed in childhood?	YES	2 1

	J17.	J18	3.	J19.	
	What is this person's relationship to ([NOIB]/the baby)?/ Anyone else?	ASK ABOUT SEX O OBVIOUS, OTHERV ANSWER.		What problem or birth de (he/she) have?	fect did
		Is this person male	or female?		
A.	PROBE: Aunt, cousin; grandfather, grandmother, great grandfather, great grandmother, great aunt, great uncle, half brother, half sister, uncle, other, SPECIFY:		2 1	PROBLEM:	
B.	PROBE: Aunt, cousin; grandfather, grandmother, great grandfather, great grandmother, great aunt, great uncle, half brother, half sister, uncle, other, SPECIFY: DK		2 1	PROBLEM: DK	
HOUS	EHOLD INCOME In the year before you became pregr	nant with	Less than Ten T	housand(SKIP TO J21)	1
0 20.	([NOIB]/this pregnancy), what was yo household income? Please include Medicaid, Social Security, and Unempayments. Was itREAD CHOICES.	our total income such as	More then Fifty In Between	Thousand(SKIP TO J21) (SKIP TO J22) (SKIP TO J22)	2 3 1
J20a.	Would you say it was IF THE ANSWER IS 20,000, FOR EXAMPLE THE HIGH RANGE, 20-30,000.	E, ROUND UP TO	20 to 30 Thousa 30 to 40 Thousa 40 to 50 Thousa DK	and Dollars and Dollars and Dollars, or and Dollars	2 3 4 1
J21.	How many people were supported b including both adults and children? year before you became pregnant w	HINT: In the	# OF PEOPLE	DK RF	
J22.	Were you married at the time ([NOIB [DOPT])? HINT: "SEPARATED" AND "COMMON-ICONSIDERED "MARRIED" HERE.		NO DK		2 1

SECT	ION	K٠	CI	OS	NG

K1.	As I said at the beginning, we do not know what causes most birth defects and that is why we asked about man things. Is there anything, including some of the factors we've talked about, that <u>you</u> think might be a cause of birth defects?	NO	(SKIP TO K3)(SKIP TO K3)(SKIP TO K3)	. 2
K2.	Can you tell me about some of those factors?			
DERI	RIEFING STATEMENT			
K3.	In case we need to get in touch with you in the future, would you be willing to give us the name and address of someone who would always know where you are? This information will be kept separate from your questionnaire. It will be locked except when needed by the research team, and will be destroyed when the studies finished.	of NO DK RF	(SKIP TO K5)(SKIP TO K5)(SKIP TO K5)(SKIP TO K5)(SKIP TO K5)	. 2 -1
K4.	NAME OF CONTACT: PREFIX: MS/MRS./MR./DR FIRST NAME:	LAST NAME:		
	STREET/APARTMENT:)
	HOME PHONE: // - // - // DK	WORK PHONE: L	ZIP CODE:	
	RELATIONSHIP:		DK	1
K5.	That completes the interview, but as you read in the adv completed the first part, the interview, that will help us und second part of the study will help us understand the genet soft brushes to collect cell samples from the inside of your (NOIB)'s mouth, SKIP IF FATHER UNKNOWN: and ([NOIB]' in the kit to provide for any inconvenience. You can decide after you receive the kit. What is your current mailing address.	lerstand the enviror rics of birth defects. mouth, SKIP IF TAI s/the) father's mou whether to take p	nmental causes of birth defects. The We will mail a kit to you with small, B/STILLBIRTH/BABY DECEASED: th. We will enclose \$20.00 per family	
	STREET		APT	
	CITY	STATE		

K6.	CHECK THIS BOX IF PARTICIPANT DOES NOT WANT TO RECEIVE BUCCAL KIT.					
	IF FATHER UNKNOWN, SKIP K7a AND K7c.					
K7a.	Does the biologic or natural father of ([NOIB]/this pregnancy) live at the same address?	YES				
K7b.	CHECK YES IF CENTER REQUESTS ADDRESS OF FATHER.	YES	1 2			
K7c.	We would like to mail a kit and a \$10 money order to his current address. What is his current mailing address?					
	FATHER'S ADDRESS: DK ☐ RF ☐					
	STREET	APT				
	CITY	STATE ZIP				
K7d.	KIT NOT BEING SENT TO FATHER BECAUSE: IF FATHER UNKNOWN, CATI AUTOFILL = 9.	CENTER DOES NOT COLLECT FATHER'S ADDRESS	-2 -1 9			
FINAL	REMARK					
	In closing, we would like to sincerely thank you for yo study will help us greatly in our efforts to better unde	our time and efforts. Your contribution to this importan stand the causes of birth defects. Thank you.	ıt			
INTER	RVIEWER STATUS					
K8.	INTERVIEWER ID	ID#:]			
K9.	WAS THE INTERVIEW A PHONE OR IN-PERSON INTERVIEW?	PHONE INTERVIEW				
K10.	STATUS OF INTERVIEW:	COMPLETE	2			
K11.	DATE INTERVIEW COMPLETED/ REFUSED/BROKE-OFF:	DATE				
		MM DD YYYY				

INTERVIEWER REMARKS

K12.	THE OVERALL QUALITY OF THIS INTERVIEW WAS:	HIGH QUALITY	2 3
K13.	DID THE FATHER (NOIB'S) CONTRIBUTE TO THE MOTHER'S ANSWERS?	YES NODK	2
K14.	DID SOME OTHER PERSON CONTRIBUTE TO THE MOTHER'S ANSWERS?	YES NO DK	2
	A. WHO WAS IT?		DK
K15.	IF CODE 3 OR 4 AT K12, ANSWER: THE MAIN REASON FOR QUESTIONABLE OR UNSATISFACTORY QUALITY OF INFORMATION WAS BECAUSE THE RESPONDENT:	DID NOT KNOW ENOUGH INFORMATION REGARDING THE TOPIC	
	SPECIFY:		
K16.	WAS THE MAJORITY OF THE INTERVIEW DONE IN ENGLISH OR IN SPANISH?	ENGLISH SPANISH HALF ENGLISH/HALF SPANISH	2
K17.	WAS THIS INTERVIEW TRANSLATED BY ANOTHER PERSON?	YES	

K18.	USE THIS SPACE FOR ANY OTHER COMMENTS YOU HAVE WHICH MAY AFFECT THE INTERPRETATION OF THIS RESPONDENT'S ANSWERS.				

Appendix

National Birth Defects Prevention Study Mother Questionnaire

This interview was conducted with CATI (computer-assisted telephone interview). This hard copy questionnaire serves as a documentation of the computer interview. It can also be used in "emergency" situations to continue an interview during a computer failure with the precaution that the hard copy is not ideal for conducting interviews as it does not have the range checks, automatic skip patterns, dropdown coding lists, automatic text and date insertions and electronic consistency checks built in. The interviews should be conducted and documented in accordance with the specific instructions provided in the Question-by-Question Interviewer Manual.

To save on the number of pages created for this hard copy, repetitive response lists and special code options are printed here in the appendix, rather than in the body of the questionnaire.

Investigators should note that this document is not a "codebook" for the CATI database. Every effort has been made to match the response codes in the hard copy questionnaire with the data codes in the CATI database and in analytic databases, however, there are some limitations. This hard copy does not show codes for open-ended text fields. As codes are created, altered and added, the updated coding lists are posted on the **Centers' study website**. That would be the definitive source for all codes.

There are also some conventions possible with the computerized format that are not practical for listing in the hard copy such as special buttons allowing the interviewer to automatically select the same response for a number of months. Those are not captured in this hard copy.

TABS:

In cases where the mother had a therapeutic abortion, the CATI automatically substitutes terms such as "the (NOIB)", or name of index baby, with other terms such as "the affected pregnancy", or "the pregnancy".

Other Response Options and Codes:

Refused and Don't Know options are allowed at almost every field in the CATI. The Don't Know option will show at most fields in the hard copy, but the Refused option was not repeated at each response, to save paper. Don't Know check boxes have been added to certain fields when DK isn't an option in a response list, such as in text fields. When subjects refuse to respond, the interviewer should circle the RF option, or check the RF check box. If neither are available, she should write RF next to the other response codes or in the open fields or next to any date fields on the hard copy. Skip instructions for refusals (RF) and don't knows (DK) should follow the skip patterns for NO responses at gateways. In drop down lists, RF may skip over subsequent questions and DK may lead to the next questions. Those instructions are shown in the hard copy.

The first version of the hard copy used 7, 8, 97, and 98 for RF and DK codes. Those were replaced in this version with the following codes, to be consistent with the values in the analytic database:

DK = -1

RF = -2

Other = -5

N/A = -10

Ages:

Some questions ask for ages, such as when a condition was diagnosed. In addition to being able to enter a specific age, the interviewer can select one of the following age group responses listed in the CATI:

infancy (<1 yr)

childhood (1-12) teenage (13-19)

young adult (20-25)

adult

Time Periods:

Many questions are asked by month of pregnancy or trimester, and for each of the three months prior to pregnancy. The CATI actually shows a reference date for each of these time periods. The designations are:

B3 (3 months before pregnancy)

B2 (2 months before pregnancy)

B1 (1 month before pregnancy)

P1 (month 1 of pregnancy)

P2 (month 2 of pregnancy)

P3 (month 3 of pregnancy)

T2 (2nd trimester)
T3 (3rd trimester)

In some questions asking about events in the past, in addition to listing a particular calendar month, these following response options are listed:

B3

B2

B1 P1

P2

P3

P4

P5 P6

P7

P8

P9

P10

Beginning of year

Middle of year

End of year

When asking about a particular week of the pregnancy in which an event occurred, in addition to weeks, other response options are:

T1, T2, T3

A few questions only ask about the period two months prior to pregnancy. Although other response options are listed in the CATI, they may be blocked.

Many of the open-ended fields contain a dropdown list of choices available to the interviewer in the CATI. The interviewer can select one of these responses by typing in the first few letters. The response is linked to a code internally. If the response is not on the list, she enters the appropriate response in the text specify field. Most responses entered this way are coded later. These lists are not all inclusive, so that is why other responses can be written in.

See the latest coding lists on the Centers' study website. There are 14 coding lists created as new responses were encountered, and 5 standardized coding lists used: ICD-9-CM, CPT, NAICS, SOC and the Slone Drug Dictionary.

Medication Frequency:

Questions that ask for the frequency of medicine use (in sections A, B, C and D) can be answered with these additional codes as needed:

- 90 = IV (any)
- 92 = Patch (worn continuously)
- 93 = Schedule varied/ as needed
- 94 = Tapering frequency
- 95 = Per time period (this refers to the number of times she took a drug between the dates she listed)

When these codes are used, the "per day/per week/per month/per year" is skipped.

Food Frequency:

For items using the Food Frequency response choices, the CATI screen employs the codes 0 through 6D (middle column below). However, the background CATI database designates these codes numerically as shown under Database. This response list is also available for some other fields, such as frequency of pesticide use.

CATI RESPONSE	CATI SCREEN CODE	DATABASE
NEVER OR < ONCE PER MONTH. 1 PER MONTH. 2 PER MONTH. 3 PER MONTH. 1 PER WEEK. 2 PER WEEK. 3 PER WEEK. 4 PER WEEK. 5 PER WEEK. 6 PER WEEK. 1 PER DAY. 2 PER DAY. 3 PER DAY. 4 PER DAY. 5 PER DAY. 6+ PER DAY. DK. RF	1M2M3M1W2W3W4W5W6W1D2D3D4D5D6D	0 1 2 3 11 12 13 14 15 16 21 22 23 24 25 26 -1 -2

Electronic Drug Dictionary:

The electronic CATI contains an embedded Drug Dictionary developed by the Slone Epidemiology Center of Boston University School of Medicine. This is updated on a regular basis and replaces the older version in the CATI and in the electronic coding program. Permission to use the SEC Drug Dictionary may be obtained from:

Allen Mitchell, MD Director, SEC Slone Epidemiology Center Boston University 1010 Commonwealth Ave, 4th Floor Boston MA 02215 617-734-6006